

APPENDIX B

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Table B-1. Statistical profile of doctorate recipients from Canada, by major field of doctorate: 1988-96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	4,156	2,387	322	90	125	76	371	513	107	783	1,769	637	577	191	364
Percent men.....	63.6	69.8	86.0	75.6	79.2	84.2	89.5	62.0	69.2	55.4	55.3	58.9	50.6	28.8	70.6
Percent women.....	36.4	30.2	14.0	24.4	20.8	15.8	10.5	38.0	30.8	44.6	44.7	41.1	49.4	71.2	29.4
Percent with permanent visa.....	26.0	24.8	19.9	23.3	12.0	27.6	21.0	30.0	12.2	28.7	27.6	28.4	27.9	27.7	25.5
Percent with temporary visa.....	74.0	75.2	80.1	76.7	88.0	72.4	79.0	70.0	87.9	71.3	72.4	71.6	72.1	72.3	74.5
Percent married.....	49.1	44.7	36.3	50.0	32.8	48.7	44.5	47.0	49.5	46.9	55.1	47.1	61.7	52.9	59.6
Percent not married.....	45.0	50.5	59.3	48.9	63.2	46.1	53.1	48.3	46.7	46.1	37.5	44.0	30.8	41.4	34.9
Percent unknown.....	5.9	4.9	4.3	1.1	4.0	5.3	2.4	4.7	3.7	7.0	7.4	8.9	7.5	5.8	5.5
Median age at Ph.D. in years.....	32.8	30.8	28.7	31.8	28.9	30.7	29.9	31.3	31.9	32.8	37.3	33.4	43.3	37.3	36.5
Percent with dependents.....	32.3	25.5	18.3	26.7	19.2	31.6	28.6	23.4	30.8	27.8	41.4	28.3	52.2	37.7	49.5
Percent receiving sources of support ²															
Personal.....	71.3	61.2	39.1	53.3	45.6	63.2	57.4	58.5	59.8	77.1	84.9	78.7	92.0	86.9	83.2
Foreign government.....	28.2	32.1	36.6	35.6	40.8	35.5	27.5	26.1	31.8	34.4	23.0	31.4	8.3	29.8	27.7
University.....	82.1	88.2	95.3	95.6	93.6	92.1	92.5	87.5	82.2	82.4	73.9	87.9	56.7	71.7	78.0
Teaching assistant.....	52.3	53.0	63.4	54.4	82.4	56.6	41.8	48.1	22.4	56.1	51.4	74.4	29.5	40.3	51.6
Research assistant.....	49.8	65.5	87.0	80.0	59.2	80.3	86.8	63.9	73.8	44.4	28.6	16.0	26.0	46.6	45.3
Other university.....	29.6	28.2	21.4	22.2	24.8	15.8	20.2	31.2	21.5	36.3	31.5	47.4	18.0	22.0	30.2
Other.....	19.9	17.3	7.8	18.9	12.0	21.1	17.0	18.3	12.2	21.7	23.4	22.0	19.6	33.5	26.6
Unknown.....	3.7	3.3	2.8	1.1	4.0	0.0	1.9	3.5	2.8	4.5	4.4	5.5	4.5	1.6	3.6
Median years from baccalaureate to Ph.D.															
Total time in years.....	9.3	7.9	6.4	9.0	6.2	8.2	7.0	8.2	8.9	9.1	13.0	10.0	18.6	13.0	12.6
Registered time.....	7.0	6.6	6.0	7.2	5.9	7.3	6.0	7.0	6.6	7.2	7.4	7.8	7.2	7.6	7.3

See explanatory information, if any, and SOURCE at end of table.

Table B-1. Statistical profile of doctorate recipients from Canada, by major field of doctorate: 1988-96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	1,079	591	64	21	15	21	78	154	13	225	488	181	161	53	93
U.S. total: percent.....	75.4	78.0	81.3	81.0	73.3	90.5	80.8	81.8	61.5	73.3	72.1	75.7	65.2	83.0	71.0
Study.....	27.1	41.9	59.6	76.5	9.1	5.3	20.6	79.4	37.5	18.8	7.7	5.8	6.7	27.3	0.0
Employment.....	71.1	56.8	40.4	23.5	90.9	94.7	76.2	20.6	62.5	78.8	89.8	88.3	92.4	72.7	100.0
Unknown.....	1.9	1.3	0.0	0.0	0.0	0.0	3.2	0.0	0.0	2.4	2.6	5.8	1.0	0.0	0.0
Non-U.S.	16.1	13.7	17.2	4.8	26.7	9.5	11.5	11.7	23.1	14.7	19.1	17.1	21.7	15.1	20.4
Unknown location.....	8.5	8.3	1.6	14.3	0.0	0.0	7.7	6.5	15.4	12.0	8.8	7.2	13.0	1.9	8.6
Number with temporary visas	3,077	1,796	258	69	110	55	293	359	94	558	1,281	456	416	138	271
U.S. total: percent.....	38.4	47.9	62.4	39.1	49.1	58.2	52.2	54.9	30.9	37.3	24.9	31.8	14.2	26.1	29.2
Study.....	42.3	51.9	75.2	63.0	46.3	28.1	27.5	81.2	58.6	26.9	16.3	19.3	16.9	33.3	2.5
Employment.....	56.6	47.2	23.6	37.0	50.0	71.9	71.9	17.8	41.4	72.6	82.1	80.0	79.7	66.7	94.9
Unknown.....	1.1	0.9	1.2	0.0	3.7	0.0	0.7	1.0	0.0	0.5	1.6	0.7	3.4	0.0	2.5
Non-U.S.	53.6	44.4	31.8	56.5	40.9	36.4	38.9	38.4	62.8	53.9	66.5	55.9	77.6	66.7	67.2
Unknown location.....	8.0	7.6	5.8	4.3	10.0	5.5	8.9	6.7	6.4	8.8	8.6	12.3	8.2	7.2	3.7
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	1,993	1,322	213	44	65	51	216	323	37	373	671	282	164	80	145
Percent with definite employment.....	28.7	39.6	60.6	54.5	32.3	17.6	18.1	67.2	40.5	18.5	7.3	7.4	6.1	20.0	1.4
Percent seeking postdoctoral study.....	45.8	38.1	21.6	22.7	43.1	60.8	54.6	13.9	35.1	57.1	60.8	58.5	59.1	45.0	75.9
Percent seeking employment.....	7.4	8.9	10.8	13.6	7.7	2.0	7.4	13.3	13.5	4.8	4.5	5.3	4.3	10.0	0.0
Percent with postdoctoral plans unknown.....	16.8	12.4	6.1	9.1	13.8	19.6	18.5	5.0	10.8	18.2	25.3	25.5	28.7	25.0	21.4
Percent with postdoctoral plans unknown.....	1.4	1.1	0.9	0.0	3.1	0.0	1.4	0.6	0.0	1.3	2.1	3.2	1.8	0.0	1.4

See explanatory information, if any, and SOURCE at end of table.

Table B-1. Statistical profile of doctorate recipients from Canada, by major field of doctorate: 1988-96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	912	504	46	10	28	31	118	45	13	213	408	165	97	36	110
Primary work activity: percent															
R&D.....	37.6	51.0	73.9	30.0	25.0	74.2	71.2	44.4	76.9	35.7	21.1	9.7	8.2	33.3	45.5
Teaching.....	36.8	23.2	15.2	30.0	39.3	19.4	12.7	26.7	15.4	28.6	53.7	75.2	43.3	38.9	35.5
Administrative.....	3.7	1.8	0.0	0.0	0.0	0.0	3.4	2.2	0.0	1.9	6.1	0.6	14.4	13.9	4.5
Professional services....	10.1	12.9	2.2	40.0	21.4	0.0	6.8	11.1	7.7	18.8	6.6	1.2	18.6	8.3	3.6
Other.....	2.5	2.0	2.2	0.0	0.0	0.0	3.4	4.4	0.0	1.4	3.2	4.8	3.1	0.0	1.8
Unknown.....	9.2	9.1	6.5	0.0	14.3	6.5	2.5	11.1	0.0	13.6	9.3	8.5	12.4	5.6	9.1
Type of employer: percent															
Educational institution ³ ..	66.7	51.0	26.1	40.0	82.1	54.8	26.3	51.1	30.8	67.1	86.0	92.1	79.4	72.2	87.3
Industry/business.....	23.1	37.9	67.4	60.0	17.9	38.7	71.2	31.1	69.2	14.1	4.9	4.2	4.1	5.6	6.4
Government.....	2.2	3.0	2.2	0.0	0.0	6.5	1.7	6.7	0.0	3.3	1.2	0.0	2.1	2.8	1.8
Nonprofit.....	6.6	6.4	4.3	0.0	0.0	0.0	0.8	11.1	0.0	11.3	6.9	2.4	14.4	16.7	3.6
Other and unknown.....	1.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.0	1.2	0.0	2.8	0.9

¹ This table includes all citizens of Canada who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

² In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-2. Statistical profile of doctorate recipients from China, by major field of doctorate: 1988-96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	17,905	16,550	4,278	622	1,354	421	4,377	3,899	543	1,056	1,355	391	385	281	298
Percent men.....	76.9	77.6	77.4	83.0	84.6	85.5	85.0	65.0	83.8	75.5	68.6	71.9	54.3	74.0	77.9
Percent women.....	23.1	22.5	22.7	17.0	15.4	14.5	15.0	35.0	16.2	24.5	31.4	28.1	45.7	26.0	22.1
Percent with permanent visa.....	37.8	37.3	33.5	39.7	30.3	37.3	35.6	44.6	28.9	43.9	44.1	51.7	40.3	44.1	38.9
Percent with temporary visa.....	62.2	62.7	66.5	60.3	69.7	62.7	64.4	55.4	71.1	56.1	55.9	48.3	59.7	55.9	61.1
Percent married.....	78.5	78.5	75.2	83.6	77.6	80.0	80.7	78.6	87.3	75.9	77.6	74.2	79.7	82.9	74.2
Percent not married.....	16.2	16.3	19.7	11.4	16.7	15.2	13.9	16.5	8.3	18.6	14.8	18.9	11.9	11.4	16.1
Percent unknown.....	5.4	5.2	5.1	5.0	5.7	4.8	5.4	4.9	4.4	5.6	7.7	6.9	8.3	5.7	9.7
Median age at Ph.D. in years.....	32.7	32.4	31.5	33.3	32.1	32.4	32.9	32.1	33.4	35.3	37.3	39.0	38.2	34.0	36.3
Percent with dependents.....	61.5	61.1	55.2	68.7	65.1	62.7	65.7	57.4	79.0	61.1	65.8	62.7	72.7	65.1	61.4
Percent receiving sources of support ²															
Personal.....	23.4	21.6	13.5	23.5	15.9	30.2	28.0	18.7	26.9	38.9	44.9	46.8	54.5	34.2	40.3
Foreign government.....	5.6	5.6	3.6	7.2	2.4	12.4	8.5	3.3	18.2	4.1	5.9	4.6	8.3	6.4	4.0
University.....	95.5	95.7	96.3	96.6	96.1	95.0	95.8	95.2	94.3	95.2	93.4	96.4	94.0	90.7	91.3
Teaching assistant.....	57.5	57.1	78.2	36.7	90.6	66.0	47.3	38.7	9.8	70.9	61.2	81.1	50.4	34.5	74.2
Research assistant.....	80.2	82.5	88.9	91.8	56.2	80.5	90.3	78.6	91.2	63.9	51.5	23.0	56.6	79.4	56.0
Other university.....	21.3	20.4	16.9	17.2	26.4	19.7	15.2	26.1	9.8	35.3	31.4	44.5	26.8	19.2	31.9
Other.....	6.5	6.1	3.1	6.6	3.8	10.0	5.7	6.8	7.2	17.7	11.0	15.6	6.8	10.0	11.4
Unknown.....	3.3	3.2	3.3	2.4	3.3	3.6	3.5	3.2	2.4	2.8	3.8	2.0	2.6	5.3	6.4
Median years from baccalaureate to Ph.D.															
Total time in years.....	9.8	9.8	9.1	10.6	9.6	9.8	10.3	9.3	10.8	10.8	11.4	12.1	11.9	10.3	10.8
Registered time.....	6.9	6.9	6.8	7.8	7.1	7.1	6.8	6.8	6.5	7.5	7.4	8.4	6.9	6.8	7.3

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Statistical profile of doctorate recipients from China, by major field of doctorate: 1988-96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	6,766	6,169	1,434	247	410	157	1,560	1,740	157	464	597	202	155	124	116
U.S. total: percent.....	93.9	94.2	92.8	97.6	96.3	95.5	94.0	95.7	91.7	89.4	91.6	90.1	93.5	94.4	88.8
Study.....	49.0	51.9	58.8	56.0	22.8	7.3	25.7	86.7	61.1	20.5	18.5	13.2	7.6	52.1	4.9
Employment.....	47.3	44.4	37.0	39.8	70.4	86.7	69.6	12.0	34.7	74.9	77.7	82.4	89.0	43.6	92.2
Unknown.....	3.8	3.7	4.1	4.1	6.8	6.0	4.7	1.3	4.2	4.6	3.8	4.4	3.4	4.3	2.9
Non-U.S.....	2.4	2.2	2.9	0.8	1.0	0.6	1.4	1.2	4.5	7.8	5.2	5.4	5.8	1.6	7.8
Unknown location.....	3.6	3.7	4.3	1.6	2.1	3.8	4.6	3.2	3.8	2.8	3.2	4.5	0.6	4.0	3.4
Number with temporary visas	11,139	10,381	2,844	375	944	264	2,817	2,159	386	592	758	189	230	157	182
U.S. total: percent.....	79.7	80.3	80.3	78.7	77.5	76.9	78.5	88.0	74.6	71.8	71.9	66.7	73.0	80.9	68.1
Study.....	60.3	62.6	77.5	75.3	36.5	18.2	38.1	91.4	79.9	26.8	25.3	11.1	21.4	60.6	8.9
Employment.....	37.2	35.1	20.3	23.4	59.6	79.8	58.5	7.9	18.4	69.7	70.5	83.3	76.2	36.2	84.7
Unknown.....	2.5	2.4	2.2	1.4	4.0	2.0	3.4	0.8	1.7	3.5	4.2	5.6	2.4	3.2	6.5
Non-U.S.....	6.6	6.2	5.8	7.2	7.4	8.3	5.3	3.4	12.7	15.0	12.5	18.5	11.7	6.4	12.6
Unknown location.....	13.7	13.5	13.9	14.1	15.0	14.8	16.3	8.7	12.7	13.2	15.6	14.8	15.2	12.7	19.2
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	15,237	14,145	3,615	536	1,127	353	3,678	3,564	432	840	1,092	308	313	244	227
Percent with definite employment.....															3.5
Percent seeking postdoctoral study.....	34.2	36.0	44.8	35.4	17.3	8.2	15.7	62.2	35.6	11.9	11.7	3.9	4.8	38.1	3.5
Percent seeking employment.....	21.4	20.1	13.6	15.7	35.5	53.0	30.9	5.3	11.1	36.7	37.6	41.9	32.3	23.0	55.1
Percent with postdoctoral plans unknown.....	21.4	22.2	25.8	31.2	14.4	5.4	17.4	27.0	38.0	11.8	10.2	8.4	10.2	18.4	3.5
Percent seeking employment.....	20.1	18.8	12.9	15.1	27.9	29.7	32.0	4.5	12.7	35.6	36.5	40.9	49.8	16.8	33.0
Percent with postdoctoral plans unknown.....	3.0	2.9	2.9	2.6	5.0	3.7	3.9	1.0	2.5	4.1	4.0	4.9	2.9	3.7	4.8

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Statistical profile of doctorate recipients from China, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	3,255	2,844	491	84	400	187	1,138	188	48	308	411	129	101	56	125
Primary work activity: percent															
R&D.....	61.2	65.6	73.9	59.5	44.0	66.3	74.8	73.9	66.7	42.5	30.4	9.3	27.7	75.0	34.4
Teaching.....	16.5	12.1	4.1	2.4	31.5	15.5	5.0	2.7	12.5	32.5	46.5	69.8	41.6	8.9	43.2
Administrative.....	1.1	0.8	0.4	4.8	0.0	0.0	0.4	1.6	0.0	2.0	3.2	0.8	5.9	1.8	4.0
Professional services....	6.3	6.5	5.9	15.5	5.3	2.1	7.0	9.0	8.3	5.5	5.1	2.3	6.9	8.9	4.8
Other.....	2.0	2.1	2.0	1.2	1.8	0.5	2.4	3.2	0.0	2.6	1.5	1.6	2.0	0.0	1.6
Unknown.....	12.9	12.9	13.7	16.7	16.8	15.5	10.5	9.6	12.5	14.9	13.4	16.3	15.8	5.4	12.0
Type of employer: percent															
Educational institution ³ ..	36.3	30.7	12.8	19.0	70.3	35.8	14.3	46.8	33.3	58.4	74.9	93.0	75.2	26.8	77.6
Industry/business.....	55.3	61.1	79.8	61.9	26.0	60.4	80.2	34.6	52.1	24.0	15.3	5.4	6.9	42.9	20.0
Government.....	3.0	2.9	2.9	9.5	0.3	0.0	2.2	4.8	4.2	7.1	4.4	0.0	9.9	12.5	0.8
Nonprofit.....	3.1	2.9	2.0	6.0	1.8	1.6	1.6	12.2	8.3	4.2	4.1	0.8	6.9	14.3	0.8
Other and unknown.....	2.2	2.4	4.4	3.6	1.8	2.1	1.7	1.6	2.1	6.2	1.2	0.8	1.0	3.6	0.8

¹This table includes all citizens of China who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

²In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-3. Statistical profile of doctorate recipients from Eastern Europe¹, by major field of doctorate: 1988–96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	1,546	1,354	306	36	318	64	356	138	25	111	192	127	18	8	39
Percent men.....	74.3	77.7	82.0	77.8	81.4	85.9	84.6	61.6	60.0	52.3	50.5	44.1	50.0	75.0	66.7
Percent women.....	25.7	22.3	18.0	22.2	18.6	14.1	15.4	38.4	40.0	47.7	49.5	55.9	50.0	25.0	33.3
Percent with permanent visa.....	22.6	20.5	19.0	30.6	14.5	32.8	20.5	25.4	12.0	27.0	38.0	40.2	44.4	50.0	25.6
Percent with temporary visa.....	77.4	79.5	81.0	69.4	85.5	67.2	79.5	74.6	88.0	73.0	62.0	59.8	55.6	50.0	74.4
Percent married.....	59.6	59.7	60.1	66.7	56.0	64.1	61.5	55.8	56.0	64.0	58.9	55.9	83.3	62.5	56.4
Percent not married.....	33.8	34.1	35.6	25.0	35.5	34.4	32.6	36.2	40.0	29.7	31.8	35.4	11.1	12.5	33.3
Percent unknown.....	6.6	6.2	4.2	8.3	8.5	1.6	5.9	8.0	4.0	6.3	9.4	8.7	5.6	25.0	10.3
Median age at Ph.D. in years.....	32.1	31.8	30.9	33.3	30.8	32.1	32.6	31.7	32.3	33.0	34.7	34.2	36.3	38.0	36.8
Percent with dependents.....	46.4	46.6	48.4	52.8	44.0	45.3	51.1	35.5	60.0	44.1	45.3	37.8	72.2	75.0	51.3
Percent receiving sources of support ³															
Personal.....	41.3	37.7	27.8	55.6	27.0	53.1	44.9	37.0	48.0	55.9	67.2	69.3	66.7	62.5	61.5
Foreign government.....	1.3	1.3	1.0	0.0	0.9	1.6	1.1	2.9	8.0	0.9	1.0	0.0	0.0	0.0	5.1
University.....	94.8	95.6	97.4	91.7	96.9	100.0	95.2	89.9	100.0	92.8	89.1	90.6	88.9	87.5	84.6
Teaching assistant.....	67.0	66.5	79.7	33.3	89.0	65.6	49.4	44.9	8.0	71.2	70.8	77.2	55.6	50.0	61.5
Research assistant.....	66.6	72.3	86.6	80.6	46.5	87.5	86.0	68.1	100.0	50.5	26.6	19.7	44.4	37.5	38.5
Other university.....	26.8	24.5	19.3	30.6	32.7	21.9	17.4	20.3	12.0	45.0	43.8	45.7	16.7	50.0	48.7
Other.....	13.0	12.7	4.6	27.8	13.5	17.2	12.4	13.0	24.0	23.4	15.1	15.0	5.6	12.5	20.5
Unknown.....	3.8	3.3	2.3	5.6	2.8	0.0	3.4	5.8	0.0	6.3	6.8	6.3	5.6	12.5	7.7
Median years from baccalaureate to Ph.D.															
Total time in years.....	8.2	8.0	7.2	8.5	7.2	8.0	8.5	8.1	9.3	9.9	10.3	9.5	13.5	0.0	12.0
Registered time.....	5.8	5.6	5.5	5.5	5.2	6.4	5.5	6.2	5.3	6.2	6.9	7.0	6.8	0.0	6.6

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Statistical profile of doctorate recipients from Eastern Europe¹, by major field of doctorate: 1988–96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	350	277	58	11	46	21	73	35	3	30	73	51	8	4	10
U.S. total: percent.....	86.3	85.2	89.7	100.0	80.4	85.7	83.6	94.3	D	76.7	90.4	96.1	87.5	D	70.0
Study.....	37.8	46.6	73.1	45.5	40.5	27.8	21.3	78.8	D	30.4	6.1	2.0	28.6	D	0.0
Employment.....	58.6	50.0	25.0	27.3	56.8	72.2	77.0	21.2	D	60.9	89.4	91.8	71.4	D	100.0
Unknown.....	3.6	3.4	1.9	27.3	2.7	0.0	1.6	0.0	D	8.7	4.5	6.1	0.0	D	0.0
Non-U.S.	5.7	6.1	3.4	0.0	6.5	9.5	5.5	2.9	D	10.0	4.1	0.0	12.5	D	20.0
Unknown location.....	8.0	8.7	6.9	0.0	13.0	4.8	11.0	2.9	D	13.3	5.5	3.9	0.0	D	10.0
Number with temporary visas	1,196	1,077	248	25	272	43	283	103	22	81	119	76	10	4	29
U.S. total: percent.....	68.0	69.2	71.4	68.0	66.9	74.4	67.8	79.6	68.2	59.3	57.1	59.2	70.0	D	48.3
Study.....	56.1	58.8	80.8	64.7	49.5	28.1	50.0	87.8	66.7	14.6	26.5	24.4	28.6	D	28.6
Employment.....	42.6	40.0	19.2	35.3	49.5	71.9	49.0	11.0	33.3	77.1	70.6	71.1	71.4	D	71.4
Unknown.....	1.4	1.2	0.0	0.0	1.1	0.0	1.0	1.2	0.0	8.3	2.9	4.4	0.0	D	0.0
Non-U.S.	22.3	21.7	22.6	28.0	22.4	20.9	20.1	13.6	27.3	29.6	27.7	26.3	10.0	D	34.5
Unknown location.....	9.7	9.1	6.0	4.0	10.7	4.7	12.0	6.8	4.5	11.1	15.1	14.5	20.0	D	17.2
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	1,115	981	229	28	219	50	253	115	16	71	134	94	14	5	21
Percent with definite employment.....	36.1	39.6	59.4	32.1	33.8	22.0	27.7	61.7	37.5	15.5	10.4	8.5	28.6	D	4.8
Percent seeking postdoctoral study.....	31.9	30.0	16.2	21.4	36.1	58.0	35.6	9.6	18.8	54.9	46.3	44.7	50.0	D	57.1
Percent seeking employment.....	15.1	16.3	19.7	25.0	14.2	6.0	15.4	23.5	31.3	4.2	6.0	4.3	0.0	D	14.3
Percent with postdoctoral plans unknown.....	15.0	12.4	4.4	10.7	14.6	14.0	20.2	4.3	12.5	16.9	33.6	37.2	21.4	D	23.8
Percent with postdoctoral plans unknown.....	2.0	1.7	0.4	10.7	1.4	0.0	1.2	0.9	0.0	8.5	3.7	5.3	0.0	D	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Statistical profile of doctorate recipients from Eastern Europe¹, by major field of doctorate: 1988–96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	356	294	37	6	79	29	90	11	3	39	62	42	7	1	12
Primary work activity: percent															
R&D.....	54.5	62.9	75.7	66.7	48.1	79.3	73.3	54.5	D	43.6	14.5	11.9	28.6	D	8.3
Teaching.....	30.1	22.5	10.8	0.0	35.4	13.8	12.2	27.3	D	41.0	66.1	73.8	57.1	D	50.0
Administrative.....	0.6	0.3	2.7	0.0	0.0	0.0	0.0	0.0	D	0.0	1.6	0.0	0.0	D	8.3
Professional services.....	3.9	4.1	5.4	16.7	1.3	0.0	6.7	18.2	D	0.0	3.2	0.0	14.3	D	8.3
Other.....	2.8	3.1	2.7	16.7	1.3	0.0	4.4	0.0	D	5.1	1.6	0.0	0.0	D	8.3
Unknown.....	8.2	7.1	2.7	0.0	13.9	6.9	3.3	0.0	D	10.3	12.9	14.3	0.0	D	16.7
Type of employer: percent															
Educational institution ⁴	58.7	51.7	18.9	33.3	84.8	58.6	25.6	45.5	D	76.9	91.9	92.9	100.0	D	83.3
Industry/business.....	35.4	41.8	73.0	50.0	15.2	37.9	68.9	36.4	D	7.7	4.8	4.8	0.0	D	8.3
Government.....	2.3	2.4	2.7	16.7	0.0	0.0	4.4	0.0	D	2.6	1.6	0.0	0.0	D	8.3
Nonprofit.....	2.5	2.7	5.4	0.0	0.0	3.4	1.1	18.2	D	2.6	1.6	2.4	0.0	D	0.0
Other and unknown.....	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	D	10.3	0.0	0.0	0.0	D	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes Albania, Bulgaria, Czechoslovakia, Czech Republic, Slovakia, Hungary, Poland, Romania, U.S.S.R., Russia, Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Moldova, Tadzhikistan, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia, Bosnia-Herzegovina, Croatia, Macedonia, Serbia-Montenegro, Slovenia, and unspecified Eastern European countries.

² This table includes all citizens of Eastern European countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-4. Statistical profile of doctorate recipients from France, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	951	653	144	27	29	30	224	77	25	97	298	241	16	14	27
Percent men.....	62.6	76.1	70.1	85.2	79.3	80.0	87.9	55.8	80.0	68.0	32.9	28.2	31.3	57.1	63.0
Percent women.....	37.4	23.9	29.9	14.8	20.7	20.0	12.1	44.2	20.0	32.0	67.1	71.8	68.8	42.9	37.0
Percent with permanent visa.....	29.5	19.6	12.5	18.5	17.2	26.7	15.2	23.4	20.0	36.1	51.3	54.8	62.5	14.3	33.3
Percent with temporary visa.....	70.5	80.4	87.5	81.5	82.8	73.3	84.8	76.6	80.0	63.9	48.7	45.2	37.5	85.7	66.7
Percent married.....	42.3	38.6	23.6	40.7	41.4	43.3	39.3	41.6	48.0	51.5	50.3	49.8	37.5	50.0	63.0
Percent not married.....	52.9	56.7	71.5	48.1	55.2	43.3	57.6	55.8	48.0	42.3	44.6	44.8	56.3	42.9	37.0
Percent unknown.....	4.8	4.7	4.9	11.1	3.4	13.3	3.1	2.6	4.0	6.2	5.0	5.4	6.3	7.1	0.0
Median age at Ph.D. in years.....	30.1	28.9	28.2	30.2	29.2	30.7	28.2	30.2	30.3	32.3	33.6	33.8	36.0	30.5	30.6
Percent with dependents.....	27.7	25.1	11.8	40.7	34.5	30.0	25.4	23.4	20.0	38.1	33.2	31.1	43.8	42.9	40.7
Percent receiving sources of support ²															
Personal.....	60.8	53.0	46.5	40.7	51.7	66.7	49.6	54.5	72.0	63.9	77.9	75.9	75.0	85.7	92.6
Foreign government.....	10.2	13.0	10.4	11.1	13.8	10.0	17.0	9.1	12.0	12.4	4.0	2.9	0.0	21.4	7.4
University	89.6	88.4	88.9	88.9	93.1	83.3	92.9	88.3	68.0	82.5	92.3	93.4	68.8	92.9	96.3
Teaching assistant.....	61.5	52.7	66.7	37.0	72.4	46.7	44.2	46.8	16.0	66.0	80.9	88.4	37.5	50.0	55.6
Research assistant.....	55.0	71.1	74.3	77.8	37.9	70.0	86.2	71.4	60.0	42.3	19.8	11.6	31.3	71.4	59.3
Other university.....	23.3	18.8	14.6	25.9	17.2	26.7	10.3	18.2	12.0	43.3	33.2	34.9	25.0	28.6	25.9
Other.....	18.0	19.9	16.7	25.9	34.5	30.0	14.3	22.1	20.0	26.8	13.8	12.4	18.8	21.4	18.5
Unknown.....	3.3	3.8	4.9	7.4	3.4	3.3	1.8	2.6	8.0	6.2	2.0	2.1	0.0	7.1	0.0
Median years from baccalaureate to Ph.D.															
Total time in years.....	7.4	6.3	5.9	6.9	6.4	7.5	5.3	7.0	7.3	9.5	10.3	10.3	12.5	7.5	8.4
Registered time.....	6.2	5.5	5.4	4.8	6.4	6.5	4.8	6.0	5.8	7.6	8.0	8.0	8.6	4.5	6.9

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Statistical profile of doctorate recipients from France, by major field of doctorate: 1988–96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	281	128	18	5	5	8	34	18	5	35	153	132	10	2	9
U.S. total: percent.....	75.8	70.3	61.1	D	D	87.5	79.4	77.8	D	65.7	80.4	81.1	80.0	D	66.7
Study.....	21.1	38.9	72.7	D	D	28.6	25.9	78.6	D	21.7	8.1	5.6	12.5	D	16.7
Employment.....	77.0	61.1	27.3	D	D	71.4	74.1	21.4	D	78.3	88.6	91.6	75.0	D	83.3
Unknown.....	1.9	0.0	0.0	D	D	0.0	0.0	0.0	D	0.0	3.3	2.8	12.5	D	0.0
Non-U.S.....	11.4	20.3	27.8	D	D	0.0	17.6	11.1	D	22.9	3.9	3.0	0.0	D	22.2
Unknown location.....	12.8	9.4	11.1	D	D	12.5	2.9	11.1	D	11.4	15.7	15.9	20.0	D	11.1
Number with temporary visas	670	525	126	22	24	22	190	59	20	62	145	109	6	12	18
U.S. total: percent.....	40.7	35.2	31.7	31.8	29.2	45.5	35.8	39.0	35.0	37.1	60.7	63.3	83.3	33.3	55.6
Study.....	37.7	49.7	65.0	57.1	28.6	20.0	44.1	82.6	57.1	21.7	12.5	10.1	20.0	75.0	0.0
Employment.....	60.8	48.1	30.0	28.6	71.4	80.0	54.4	17.4	42.9	78.3	87.5	89.9	80.0	25.0	100.0
Unknown.....	1.5	2.2	5.0	14.3	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-U.S.....	45.1	50.1	55.6	59.1	45.8	45.5	46.3	49.2	50.0	51.6	26.9	22.9	16.7	41.7	44.4
Unknown location.....	14.2	14.7	12.7	9.1	25.0	9.1	17.9	11.9	15.0	11.3	12.4	13.8	0.0	25.0	0.0
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	486	275	51	10	10	17	95	37	9	46	211	176	13	6	16
Percent with definite employment.....	19.3	30.9	52.9	40.0	20.0	23.5	22.1	54.1	22.2	10.9	4.3	2.8	0.0	50.0	6.3
Percent seeking postdoctoral study.....	46.9	34.9	15.7	30.0	60.0	58.8	36.8	8.1	33.3	60.9	62.6	63.6	46.2	16.7	81.3
Percent seeking employment.....	11.1	15.3	13.7	10.0	10.0	0.0	16.8	27.0	22.2	10.9	5.7	4.5	15.4	33.3	0.0
Percent with postdoctoral plans unknown.....	21.0	17.5	13.7	10.0	10.0	17.6	23.2	10.8	22.2	17.4	25.6	27.3	30.8	0.0	12.5
Percent with postdoctoral plans unknown.....	1.6	1.5	3.9	10.0	0.0	0.0	1.1	0.0	0.0	0.0	1.9	1.7	7.7	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Statistical profile of doctorate recipients from France, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
228	96	8	3	6	10	35	3	3	28	132	112	6	1	13	
Primary work activity: percent															
R&D.....	35.1	63.5	75.0	D	50.0	60.0	82.9	D	D	42.9	14.4	10.7	1.0	D	46.2
Teaching.....	50.4	24.0	25.0	D	16.7	30.0	8.6	D	D	46.4	69.7	75.0	66.7	D	30.8
Administrative.....	0.9	1.0	0.0	D	0.0	0.0	0.0	D	D	0.0	0.8	0.0	16.7	D	0.0
Professional services....	3.1	6.3	0.0	D	0.0	10.0	2.9	D	D	7.1	0.8	0.0	0.0	D	7.7
Other.....	1.8	1.0	0.0	D	0.0	0.0	2.9	D	D	0.0	2.3	2.7	0.0	D	0.0
Unknown.....	8.8	4.2	0.0	D	33.3	0.0	2.9	D	D	3.6	12.1	11.6	16.7	D	15.4
Type of employer: percent															
Educational institution ³ ..	71.5	41.7	25.0	D	83.3	50.0	17.1	D	D	71.4	93.2	94.6	83.3	D	92.3
Industry/business.....	21.1	45.8	75.0	D	16.7	40.0	74.3	D	D	7.1	3.0	1.8	1.0	D	7.7
Government.....	3.9	7.3	0.0	D	0.0	10.0	5.7	D	D	10.7	1.5	1.8	0.0	D	0.0
Nonprofit.....	1.3	2.1	0.0	D	0.0	0.0	2.9	D	D	0.0	0.8	0.9	0.0	D	0.0
Other and unknown.....	2.2	3.1	0.0	D	0.0	0.0	0.0	D	D	10.7	1.5	0.9	16.7	D	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of France who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.³ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.**SOURCE:** National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-5. Statistical profile of doctorate recipients from Germany¹, by major field of doctorate: 1988-96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	1,845	1,283	287	69	123	76	174	220	27	307	562	428	45	24	65
Percent men.....	65.6	74.4	88.2	91.3	75.6	84.2	93.7	58.2	70.4	55.7	45.6	43.5	40.0	41.7	64.6
Percent women.....	34.4	25.6	11.8	8.7	24.4	15.8	6.3	41.8	29.6	44.3	54.4	56.5	60.0	58.3	35.4
Percent with permanent visa.....	33.2	28.0	21.6	18.8	16.3	22.4	23.6	35.9	37.0	38.1	45.0	45.6	60.0	25.0	38.5
Percent with temporary visa.....	66.8	72.0	78.4	81.2	83.7	77.6	76.4	64.1	63.0	61.9	55.0	54.4	40.0	75.0	61.5
Percent married.....	39.2	37.1	27.9	39.1	35.8	38.2	39.1	39.5	44.4	42.0	44.1	45.3	40.0	37.5	41.5
Percent not married.....	55.1	57.8	68.3	56.5	59.4	55.3	57.5	54.1	48.1	52.1	48.8	48.4	51.1	50.0	49.2
Percent unknown.....	5.7	5.1	3.8	4.3	4.9	6.6	3.4	6.4	7.4	5.9	7.1	6.3	8.9	12.5	9.2
Median age at Ph.D. in years.....	31.5	30.8	29.8	32.1	29.7	30.4	30.4	31.5	32.0	31.6	33.6	33.6	38.0	35.8	32.1
Percent with dependents.....	22.4	20.4	13.6	17.4	15.4	27.6	23.0	24.5	22.2	23.1	27.0	25.2	31.1	33.3	33.8
Percent receiving sources of support ³															
Personal.....	66.3	60.5	47.7	66.7	59.4	56.6	59.8	57.3	59.3	75.2	79.5	79.2	86.7	75.0	78.5
Foreign government.....	13.4	13.8	11.2	21.7	19.5	14.5	9.2	10.5	14.8	16.9	12.5	11.4	6.7	37.5	13.8
University.....	91.7	93.1	95.5	94.2	97.6	86.8	95.4	93.2	92.6	89.3	88.4	92.1	71.1	75.0	81.5
Teaching assistant.....	65.0	59.6	64.5	56.5	90.2	55.3	36.8	47.7	22.2	69.1	77.4	84.8	46.7	41.7	63.1
Research assistant.....	57.9	71.4	86.4	82.6	48.0	75.0	89.1	70.5	85.2	52.8	27.2	21.7	37.8	41.7	50.8
Other university.....	30.0	26.3	17.1	30.4	28.5	19.7	10.3	29.1	40.7	40.4	38.4	41.8	26.7	25.0	29.2
Other.....	19.1	20.3	16.0	14.5	17.1	28.9	23.0	22.7	11.1	22.2	16.4	16.8	11.1	20.8	15.4
Unknown.....	3.1	3.1	3.1	4.3	1.6	3.9	2.3	2.7	7.4	3.6	3.2	2.1	6.7	4.2	7.7
Median years from baccalaureate to Ph.D.															
Total time in years.....	7.1	6.7	6.3	7.1	6.4	6.9	6.1	6.9	7.6	7.0	9.3	9.3	11.9	8.0	8.0
Registered time.....	6.4	6.1	5.9	6.9	6.0	6.0	5.2	6.3	6.6	6.3	7.8	7.9	8.2	5.2	6.5

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Statistical profile of doctorate recipients from Germany¹, by major field of doctorate: 1988-96

Page 2 of 3

Item	Total All Fields	Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	612	359	62	13	20	17	41	79	10	117	253	195	27	6	25
U.S. total: percent.....	81.1	79.4	71.0	84.6	85.0	94.1	70.7	82.3	70.0	82.1	83.4	85.1	85.2	83.3	68.0
Study.....	26.2	39.0	52.3	36.4	23.5	25.0	13.8	78.5	57.1	17.7	9.0	7.2	8.7	40.0	17.6
Employment.....	70.4	59.0	40.9	63.6	70.6	75.0	86.2	20.0	42.9	81.3	85.8	86.7	87.0	60.0	82.4
Unknown.....	3.4	2.1	6.8	0.0	5.9	0.0	0.0	1.5	0.0	1.0	5.2	6.0	4.3	0.0	0.0
Non-U.S.	9.6	12.8	22.6	7.7	15.0	0.0	24.4	10.1	20.0	6.8	5.1	3.6	3.7	16.7	16.0
Unknown location.....	9.3	7.8	6.5	7.7	0.0	5.9	4.9	7.6	10.0	11.1	11.5	11.3	11.1	0.0	16.0
Number with temporary visas	1,233	924	225	56	103	59	133	141	17	190	309	233	18	18	40
U.S. total: percent.....	47.8	46.4	43.1	42.9	42.7	57.6	48.9	50.4	47.1	45.3	51.8	57.9	38.9	50.0	22.5
Study.....	46.5	59.0	87.6	75.0	29.5	29.4	44.6	97.2	75.0	26.7	13.1	12.6	14.3	33.3	0.0
Employment.....	52.0	39.6	11.3	20.8	68.2	70.6	53.8	2.8	25.0	70.9	85.0	85.2	85.7	66.7	100.0
Unknown.....	1.5	1.4	1.0	4.2	2.3	0.0	1.5	0.0	0.0	2.3	1.9	2.2	0.0	0.0	0.0
Non-U.S.	41.8	43.2	46.2	50.0	43.7	23.7	39.9	42.6	41.2	46.3	37.5	33.0	33.3	44.4	62.5
Unknown location.....	10.5	10.4	10.7	7.1	13.6	18.6	11.3	7.1	11.8	8.4	10.7	9.0	27.8	5.6	15.0
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	1,085	714	141	35	61	50	94	136	15	182	371	301	30	14	26
Percent with definite employment.....	28.2	39.9	64.5	45.7	23.0	24.0	20.2	70.6	46.7	16.5	5.7	4.7	10.0	14.3	7.7
Percent seeking postdoctoral study.....	40.1	32.9	12.1	20.0	54.1	48.0	38.3	6.6	26.7	57.7	53.9	53.2	46.7	42.9	76.9
Percent seeking employment.....	9.0	11.1	12.1	17.1	4.9	4.0	14.9	17.6	20.0	5.5	5.1	5.0	0.0	21.4	3.8
Percent with postdoctoral plans unknown.....	20.3	14.4	8.5	14.3	14.8	24.0	25.5	4.4	6.7	18.7	31.5	32.9	40.0	21.4	11.5
Percent with postdoctoral plans unknown.....	2.4	1.7	2.8	2.9	3.3	0.0	1.1	0.7	0.0	1.6	3.8	4.3	3.3	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Statistical profile of doctorate recipients from Germany¹, by major field of doctorate: 1988-96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	435	235	17	7	33	24	36	9	4	105	200	160	14	6	20
Primary work activity: percent															
R&D.....	38.9	55.3	76.5	71.4	42.4	62.5	77.8	33.3	D	46.7	19.5	14.4	7.1	83.3	50.0
Teaching.....	44.6	27.2	5.9	0.0	54.5	29.2	8.3	33.3	D	29.5	65.0	69.4	71.4	16.7	40.0
Administrative.....	1.8	1.7	5.9	0.0	0.0	0.0	0.0	11.1	D	1.9	2.0	1.3	14.3	0.0	0.0
Professional services.....	4.8	7.7	0.0	14.3	3.0	4.2	11.1	11.1	D	9.5	1.5	1.3	7.1	0.0	0.0
Other.....	1.4	2.1	0.0	0.0	0.0	0.0	2.8	0.0	D	3.8	0.5	0.6	0.0	0.0	0.0
Unknown.....	8.5	6.0	11.8	14.3	0.0	4.2	0.0	11.1	D	8.6	11.5	13.1	0.0	0.0	10.0
Type of employer: percent															
Educational institution ⁴ ..	76.3	60.9	17.6	14.3	93.9	70.8	25.0	55.6	D	72.4	94.5	95.6	100.0	66.7	90.0
Industry/business.....	16.3	28.1	76.5	85.7	6.1	29.2	66.7	44.4	D	8.6	2.5	1.3	0.0	16.7	10.0
Government.....	2.5	3.8	5.9	0.0	0.0	0.0	5.6	0.0	D	4.8	1.0	1.3	0.0	0.0	0.0
Nonprofit.....	1.8	3.0	0.0	0.0	0.0	0.0	2.8	0.0	D	4.8	0.5	0.0	0.0	16.7	0.0
Other and unknown.....	3.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	D	9.5	1.5	1.9	0.0	0.0	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes East Germany, West Germany, and the united Germany.

² This table includes all citizens of Germany who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-6. Statistical profile of doctorate recipients from Greece, by major field of doctorate: 1988-96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	1,499	1,343	241	19	107	86	546	108	29	207	156	57	29	20	50
Percent men.....	80.1	82.9	85.5	78.9	86.9	87.2	88.1	72.2	86.2	67.6	55.8	35.1	51.7	55.0	82.0
Percent women.....	20.0	17.1	14.5	21.1	13.1	12.8	11.9	27.8	13.8	32.4	44.2	64.9	48.3	45.0	18.0
Percent with permanent visa.....	16.7	15.2	15.4	21.1	12.2	4.7	11.7	17.6	10.3	29.0	30.1	29.8	34.5	15.0	34.0
Percent with temporary visa.....	83.3	84.8	84.6	78.9	87.9	95.3	88.3	82.4	89.7	71.0	69.9	70.2	65.5	85.0	66.0
Percent married.....	36.0	35.6	31.5	52.6	31.8	22.1	35.3	34.3	62.1	44.0	39.1	43.9	37.9	30.0	38.0
Percent not married.....	57.8	58.6	62.2	47.4	61.7	66.3	59.0	63.9	34.5	50.2	51.3	49.1	62.1	45.0	50.0
Percent unknown.....	6.2	5.8	6.2	0.0	6.5	11.6	5.7	1.9	3.4	5.8	9.6	7.0	0.0	25.0	12.0
Median age at Ph.D. in years.....	29.7	29.5	29.2	30.9	29.0	29.2	29.1	30.4	30.7	31.2	31.5	31.5	32.3	29.8	31.4
Percent with dependents.....	19.9	19.4	17.4	31.6	14.0	10.5	20.9	16.7	44.8	20.8	24.4	21.1	31.0	10.0	30.0
Percent receiving sources of support ²															
Personal.....	54.5	53.8	43.6	52.6	41.1	53.5	51.8	53.7	58.6	77.3	60.3	57.9	79.3	40.0	60.0
Foreign government.....	2.9	2.8	0.8	0.0	0.9	0.0	2.7	3.7	17.2	5.3	3.2	1.8	10.3	0.0	2.0
University.....	94.3	95.7	95.9	89.5	98.1	94.2	96.7	97.2	93.1	92.3	82.7	86.0	79.3	85.0	80.0
Teaching assistant.....	64.2	64.5	76.3	36.8	91.6	73.3	57.1	45.4	17.2	71.5	62.2	73.7	55.2	65.0	52.0
Research assistant.....	73.5	77.4	87.1	89.5	60.7	82.6	86.6	76.9	93.1	44.9	40.4	17.5	55.2	50.0	54.0
Other university.....	24.6	23.5	14.9	10.5	32.7	18.6	20.7	26.9	17.2	38.6	33.3	47.4	20.7	35.0	24.0
Other.....	11.2	10.4	6.6	21.1	7.5	10.5	9.3	15.7	10.3	15.0	18.6	21.1	20.7	10.0	18.0
Unknown.....	3.5	3.0	4.1	5.3	1.9	4.7	3.1	0.9	3.4	1.9	8.3	12.3	0.0	15.0	6.0
Median years from baccalaureate to Ph.D.															
Total time in years.....	6.7	6.5	6.5	7.8	6.1	6.4	5.9	7.3	7.8	8.0	8.4	8.5	9.1	7.7	8.4
Registered time.....	5.9	5.8	5.9	7.6	5.7	5.8	5.4	6.2	5.9	6.8	7.0	7.0	7.0	6.3	7.3

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Statistical profile of doctorate recipients from Greece, by major field of doctorate: 1988–96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	251	204	37	4	13	4	64	19	3	60	47	17	10	3	17
U.S. total: percent.....	74.1	76.0	64.9	D	76.9	D	78.1	73.7	D	80.0	66.0	76.5	40.0	D	76.5
Study.....	33.3	38.7	66.7	D	60.0	D	26.0	64.3	D	29.2	6.5	15.4	0.0	D	0.0
Employment.....	64.5	59.4	29.2	D	40.0	D	74.0	28.6	D	68.8	90.3	76.9	100.0	D	100.0
Unknown.....	2.2	1.9	4.2	D	0.0	D	0.0	7.1	D	2.1	3.2	7.7	0.0	D	0.0
Non-U.S.	12.0	10.8	18.9	D	15.4	D	7.8	21.1	D	5.0	17.0	0.0	40.0	D	17.6
Unknown location.....	13.9	13.2	16.2	D	7.7	D	14.1	5.3	D	15.0	17.0	23.5	20.0	D	5.9
Number with temporary visas	1,248	1,139	204	15	94	82	482	89	26	147	109	40	19	17	33
U.S. total: percent.....	47.8	48.7	45.6	40.0	51.1	56.1	50.4	59.6	26.9	40.1	38.5	35.0	36.8	41.2	42.4
Study.....	46.2	47.8	81.7	66.7	35.4	30.4	36.2	92.5	71.4	20.3	26.2	21.4	28.6	14.3	35.7
Employment.....	52.1	50.6	17.2	33.3	60.4	67.4	62.6	7.5	28.6	76.3	71.4	71.4	71.4	85.7	64.3
Unknown.....	1.7	1.6	1.1	0.0	4.2	2.2	1.2	0.0	0.0	3.4	2.4	7.1	0.0	0.0	0.0
Non-U.S.	37.5	36.3	36.3	40.0	39.4	36.6	30.5	32.6	65.4	49.7	50.5	45.0	52.6	52.9	54.5
Unknown location.....	14.7	15.0	18.1	20.0	9.6	7.3	19.1	7.9	7.7	10.2	11.0	20.0	10.5	5.9	3.0
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	783	710	117	8	58	50	293	67	10	107	73	27	11	8	27
Percent with definite employment.....	30.0	32.0	60.7	25.0	29.3	22.0	20.5	62.7	60.0	16.8	11.0	18.5	9.1	12.5	3.7
Percent seeking postdoctoral study.....	38.8	37.6	13.7	50.0	43.1	48.0	47.1	10.4	10.0	48.6	50.7	55.6	27.3	50.0	55.6
Percent seeking employment.....	13.2	13.8	17.9	25.0	10.3	8.0	14.0	23.9	0.0	7.5	6.8	0.0	9.1	0.0	14.8
Percent with postdoctoral plans unknown.....	16.2	14.9	6.0	0.0	13.8	20.0	17.4	1.5	30.0	24.3	28.8	18.5	54.5	37.5	25.9
Percent with postdoctoral plans unknown.....	1.8	1.7	1.7	0.0	3.4	2.0	1.0	1.5	0.0	2.8	2.7	7.4	0.0	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Statistical profile of doctorate recipients from Greece, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	304	267	16	4	25	24	138	7	1	52	37	15	3	4	15
Primary work activity: percent															
R&D.....	53.6	57.3	62.5	D	40.0	70.8	65.2	85.7	D	28.8	27.0	13.3	D	D	33.3
Teaching.....	29.0	27.0	0.0	D	40.0	25.0	21.0	14.3	D	50.0	43.2	53.3	D	D	40.0
Administrative.....	0.7	0.8	0.0	D	0.0	0.0	0.0	0.0	D	3.8	0.0	0.0	D	D	0.0
Professional services.....	5.3	4.9	25.0	D	4.0	0.0	3.6	0.0	D	5.8	8.1	6.7	D	D	13.3
Other.....	1.6	1.5	0.0	D	0.0	4.2	0.7	0.0	D	3.8	2.7	6.7	D	D	0.0
Unknown.....	9.9	8.6	12.5	D	16.0	0.0	9.4	0.0	D	7.7	18.9	20.0	D	D	13.3
Type of employer: percent															
Educational institution ³ ..	58.2	55.4	6.3	D	88.0	50.0	46.4	85.7	D	78.8	78.4	86.7	D	D	73.3
Industry/business.....	37.8	41.2	93.8	D	12.0	50.0	50.7	14.3	D	11.5	13.5	6.7	D	D	13.3
Government.....	1.0	1.1	0.0	D	0.0	0.0	1.4	0.0	D	1.9	0.0	0.0	D	D	0.0
Nonprofit.....	1.0	0.4	0.0	D	0.0	0.0	0.7	0.0	D	0.0	5.4	6.7	D	D	6.7
Other and unknown.....	2.0	1.9	0.0	D	0.0	0.0	0.7	0.0	D	7.7	2.7	0.0	D	D	6.7

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of Greece who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.**SOURCE:** National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-7. Statistical profile of doctorate recipients from India, by major field of doctorate: 1988-96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	9,537	7,843	1,069	94	261	747	3,700	971	176	825	1,694	229	154	267	1,044
Percent men.....	80.0	81.9	77.4	83.0	69.7	93.0	95.2	53.3	79.5	56.1	71.4	37.6	36.4	70.4	84.2
Percent women.....	20.0	18.1	22.6	17.0	30.3	7.0	4.8	46.7	20.5	43.9	28.6	62.4	63.6	29.6	15.8
Percent with permanent visa.....	17.2	15.8	15.4	16.0	17.2	14.6	12.5	24.2	14.2	21.5	24.1	32.8	35.1	18.0	22.1
Percent with temporary visa.....	82.8	84.3	84.6	84.0	82.8	85.4	87.5	75.8	85.8	78.5	75.9	67.2	64.9	82.0	77.9
Percent married.....	51.0	49.6	48.4	57.4	44.4	49.1	48.0	52.5	63.6	53.3	57.6	50.2	66.9	47.6	60.3
Percent not married.....	41.7	43.3	43.8	39.4	48.7	44.8	45.4	40.3	28.4	37.9	34.2	38.9	26.6	41.9	32.3
Percent unknown.....	7.3	7.1	7.9	3.2	6.9	6.0	6.7	7.2	8.0	8.7	8.3	10.9	6.5	10.5	7.4
Median age at Ph.D. in years.....	30.0	29.7	29.8	31.4	29.5	29.3	29.2	30.2	32.0	31.4	32.1	33.7	37.5	30.0	32.2
Percent with dependents.....	37.0	35.7	31.4	44.7	25.3	39.2	38.4	30.8	55.1	29.9	43.0	24.5	45.5	34.1	49.0
Percent receiving sources of support ²															
Personal.....	34.2	30.4	19.0	39.4	20.3	27.6	29.2	33.8	39.8	49.2	51.6	53.7	70.1	43.8	50.4
Foreign government.....	0.9	0.8	0.0	3.2	0.4	0.8	0.7	0.8	3.4	2.2	1.0	1.3	3.9	0.7	0.6
University.....	94.2	94.7	95.5	93.6	95.8	96.1	94.7	95.3	89.2	92.4	92.0	93.9	81.2	90.3	93.6
Teaching assistant.....	65.4	64.3	81.1	52.1	90.4	80.6	56.3	54.1	24.4	77.0	70.5	83.0	42.2	63.3	73.9
Research assistant.....	74.4	78.8	82.0	87.2	49.4	83.8	87.5	66.0	80.1	54.1	54.0	16.2	44.2	62.9	61.5
Other university.....	21.6	19.9	13.5	19.1	21.5	20.5	17.0	26.5	13.6	33.5	29.8	40.2	31.2	21.7	29.3
Other.....	8.0	7.8	4.0	10.6	3.8	10.8	6.5	8.7	17.0	13.6	9.1	12.2	14.3	9.0	7.7
Unknown.....	4.1	4.0	4.1	2.1	3.4	2.8	4.2	3.4	3.4	5.1	4.7	3.9	3.9	7.9	4.1
Median years from baccalaureate to Ph.D.															
Total time in years.....	8.4	8.0	9.0	10.6	8.8	7.4	7.2	9.0	10.0	10.3	10.8	11.8	16.9	8.2	10.9
Registered time.....	6.8	6.7	7.6	8.2	7.6	6.4	6.1	7.4	7.2	8.0	7.3	9.0	7.9	6.8	7.2

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Statistical profile of doctorate recipients from India, by major field of doctorate: 1988-96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	1,643	1,235	165	15	45	109	464	235	25	177	408	75	54	48	231
U.S. total: percent.....	86.9	87.4	89.1	86.7	91.1	93.6	84.5	88.1	92.0	87.0	85.3	77.3	88.9	85.4	87.0
Study.....	28.8	35.7	50.3	38.5	17.1	7.8	19.6	86.5	43.5	16.2	7.5	10.3	12.5	19.5	3.0
Employment.....	68.1	61.6	44.9	61.5	80.5	89.2	79.1	12.1	56.5	77.3	88.2	86.2	81.3	73.2	93.5
Unknown.....	3.1	2.7	4.8	0.0	2.4	2.9	1.3	1.4	0.0	6.5	4.3	3.4	6.3	7.3	3.5
Non-U.S.	2.9	2.8	1.8	0.0	6.7	2.8	2.4	3.0	0.0	4.5	3.2	2.7	1.9	0.0	4.3
Unknown location.....	10.2	9.8	9.1	13.3	2.2	3.7	13.2	8.9	8.0	8.5	11.5	20.0	9.3	14.6	8.7
Number with temporary visas	7,894.0	6,608.0	904.0	79.0	216.0	638.0	3,236.0	736.0	151.0	648.0	1,286.0	154.0	100.0	219.0	813.0
U.S. total: percent.....	77	78	74	70	71	83	80	86	72	61	75	58	54	79	79
Study.....	38.8	43.9	77.9	65.5	21.6	18.2	33.0	90.7	70.6	15.4	11.7	14.4	18.5	43.0	2.3
Employment.....	59.5	54.6	20.7	32.7	75.8	79.9	65.4	8.2	29.4	83.3	85.6	81.1	77.8	54.1	95.4
Unknown.....	1.7	1.5	1.3	1.8	2.6	1.9	1.6	1.1	0.0	1.3	2.7	4.4	3.7	2.9	2.3
Non-U.S.	12.9	12.4	14.3	20.3	16.2	11.0	9.5	7.6	19.2	26.9	15.6	31.2	27.0	5.9	13.8
Unknown location.....	10.1	10.1	11.5	10.1	13.0	6.4	10.8	6.5	8.6	12.2	9.7	10.4	19.0	15.5	6.9
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	25.5	29.5	56.6	36.8	13.9	12.6	19.6	65.9	35.6	9.7	6.3	4.7	4.9	27.2	1.5
Percent with definite employment.....	44.6	39.7	15.3	30.9	51.5	64.9	47.4	6.0	20.5	59.0	67.6	54.1	43.1	39.4	80.0
Percent seeking postdoctoral study.....	11.5	13.0	16.4	23.5	6.7	4.0	11.7	23.7	30.3	6.0	4.2	8.1	10.8	11.3	1.0
Percent seeking employment.....	16.5	16.1	9.8	7.4	25.3	16.5	19.8	3.2	13.6	22.6	18.7	29.1	36.3	18.3	14.9
Percent with postdoctoral plans unknown.....	2.0	1.7	2.0	1.5	2.6	2.1	1.6	1.2	0.0	2.7	3.1	4.1	4.9	3.8	2.6

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Statistical profile of doctorate recipients from India, by major field of doctorate: 1988-96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	3,348	2,463	125	21	100	408	1,408	50	27	324	885	80	44	84	677
Primary work activity: percent															
R&D.....	59.6	66.3	80.0	38.1	47.0	71.1	72.5	50.0	48.1	40.1	40.8	7.5	18.2	66.7	43.0
Teaching.....	22.8	14.6	7.2	9.5	33.0	18.6	8.9	16.0	3.7	32.4	45.5	81.3	63.6	14.3	44.0
Administrative.....	0.7	0.7	0.8	0.0	2.0	0.2	0.4	2.0	3.7	1.2	0.8	0.0	2.3	1.2	0.7
Professional services....	5.8	7.0	3.2	19.0	7.0	2.7	7.9	12.0	22.2	7.4	2.3	1.3	2.3	3.6	2.2
Other.....	2.1	2.5	0.0	4.8	1.0	1.0	2.8	0.0	3.7	4.9	0.8	0.0	4.5	2.4	0.4
Unknown.....	9.1	8.9	8.8	28.6	10.0	6.4	7.5	20.0	18.5	13.9	9.8	10.0	9.1	11.9	9.6
Type of employer: percent															
Educational institution ³ ..	44.0	30.2	18.4	33.3	63.0	39.5	17.3	38.0	18.5	68.5	82.3	98.8	81.8	22.6	87.7
Industry/business.....	50.7	63.5	75.2	47.6	35.0	58.6	78.4	48.0	66.7	12.7	14.8	1.3	11.4	72.6	9.5
Government.....	1.8	2.0	3.2	9.5	0.0	1.0	1.5	6.0	3.7	4.6	1.0	0.0	4.5	2.4	0.7
Nonprofit.....	2.0	2.4	2.4	4.8	2.0	1.0	2.0	6.0	3.7	4.9	0.9	0.0	2.3	2.4	0.7
Other and unknown.....	1.6	1.9	0.8	4.8	0.0	0.0	0.8	2.0	7.4	9.3	1.0	0.0	0.0	0.0	1.3

¹This table includes all citizens of India who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

²In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-8. Statistical profile of doctorate recipients from Italy, by major field of doctorate: 1988-96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹															
883	658	119	20	113	28	96	64	10	208	225	182	9	12	22	
Percent men.....	65.1	72.8	80.7	50.0	71.7	82.1	94.8	51.6	80.0	65.9	42.7	38.5	44.4	66.7	63.6
Percent women.....	34.9	27.2	19.3	50.0	28.3	17.9	5.2	48.4	20.0	34.1	57.3	61.5	55.6	33.3	36.4
Percent with permanent visa.....	21.6	16.1	10.9	30.0	6.2	14.3	13.5	39.1	0.0	18.3	37.8	39.0	55.6	25.0	27.3
Percent with temporary visa.....	78.4	83.9	89.1	70.0	93.8	85.7	86.5	60.9	100.0	81.7	62.2	61.0	44.4	75.0	72.7
Percent married.....	40.2	38.5	33.6	40.0	33.6	32.1	39.6	51.6	60.0	38.9	45.3	44.0	44.4	58.3	50.0
Percent not married.....	53.8	56.1	60.5	55.0	62.8	60.7	59.4	42.2	20.0	53.8	47.1	48.9	44.4	25.0	45.5
Percent unknown.....	6.0	5.5	5.9	5.0	3.5	7.1	1.0	6.3	20.0	7.2	7.6	7.1	11.1	16.7	4.5
Median age at Ph.D. in years.....	32.0	31.3	30.5	32.7	30.3	31.0	31.7	31.3	35.7	32.3	35.4	34.9	45.5	37.5	34.3
Percent with dependents.....	23.6	22.3	16.0	20.0	14.2	28.6	28.1	32.8	60.0	22.1	27.1	24.7	44.4	33.3	36.4
Percent receiving sources of support ²															
Personal.....	60.1	53.8	45.4	65.0	30.1	42.9	59.4	65.6	40.0	66.3	78.7	78.0	88.9	83.3	77.3
Foreign government.....	19.4	23.3	10.1	20.0	38.9	14.3	17.7	10.9	60.0	28.4	8.0	7.7	0.0	16.7	9.1
University.....	90.1	91.3	96.6	100.0	93.8	92.9	96.9	78.1	70.0	88.5	86.7	89.6	55.6	75.0	81.8
Teaching assistant.....	63.6	61.9	68.1	40.0	84.1	50.0	44.8	37.5	20.0	67.3	68.9	78.0	44.4	16.7	31.8
Research assistant.....	52.3	62.2	85.7	95.0	50.4	78.6	86.5	56.3	60.0	40.4	23.6	18.1	22.2	58.3	50.0
Other university.....	31.9	28.3	27.7	20.0	26.5	17.9	11.5	32.8	10.0	38.9	42.7	46.2	33.3	16.7	31.8
Other.....	22.4	23.4	11.8	20.0	14.2	32.1	11.5	31.3	10.0	38.0	19.6	18.7	33.3	16.7	22.7
Unknown.....	3.4	2.7	3.4	0.0	4.4	3.6	0.0	3.1	20.0	1.9	5.3	5.5	0.0	16.7	0.0
Median years from baccalaureate to Ph.D.															
Total time in years.....	7.3	7.0	6.3	7.5	6.1	7.4	6.8	6.9	9.4	7.8	9.7	9.3	16.7	10.8	9.8
Registered time.....	5.8	5.5	5.1	6.2	4.9	5.4	5.1	5.9	5.0	5.8	7.0	7.0	7.8	7.4	5.7

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Statistical profile of doctorate recipients from Italy, by major field of doctorate: 1988-96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	191	106	13	6	1	4	13	25	0	38	85	71	5	3	6
U.S. total: percent.....	78.0	74.5	92.3	83.3	42.9	D	53.8	92.0	0.0	68.4	82.4	81.7	D	D	83.3
Study.....	32.9	45.6	75.0	20.0	66.7	D	14.3	73.9	0.0	23.1	18.6	15.5	D	D	20.0
Employment.....	65.8	53.2	25.0	80.0	33.3	D	85.7	21.7	0.0	76.9	80.0	82.8	D	D	80.0
Unknown.....	1.3	1.3	0.0	0.0	0.0	D	0.0	4.3	0.0	0.0	1.4	1.7	D	D	0.0
Non-U.S.....	8.9	11.3	7.7	16.7	28.6	D	23.1	0.0	0.0	13.2	5.9	7.0	D	D	0.0
Unknown location.....	13.1	14.2	0.0	0.0	28.6	D	23.1	8.0	0.0	18.4	11.8	11.3	D	D	16.7
Number with temporary visas	692	552	106	14	106	24	83	39	10	170	140	111	4	9	16
U.S. total: percent.....	38.3	37.9	32.1	42.9	29.2	45.8	38.6	48.7	20.0	43.5	40.0	44.1	D	11.1	25.0
Study.....	44.5	51.7	91.2	66.7	71.0	18.2	50.0	78.9	50.0	23.0	17.9	18.4	D	0.0	0.0
Employment.....	54.7	47.8	8.8	33.3	29.0	81.8	50.0	21.1	0.0	77.0	80.4	79.6	D	0.0	100.0
Unknown.....	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	1.8	2.0	D	0.0	0.0
Non-U.S.....	51.6	53.4	55.7	0.0	59.4	45.8	53.0	46.2	70.0	50.0	44.3	40.5	D	55.6	62.5
Unknown location.....	10.1	8.7	12.3	.	11.3	8.3	8.4	5.1	10.0	6.5	15.7	15.3	D	33.3	12.5
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	414	288	46	11	34	14	39	42	2	100	126	107	6	4	9
Percent with definite employment.....	25.1	32.6	63.0	18.2	55.9	14.3	17.9	52.4	D	13.0	7.9	6.5	16.7	D	0.0
Percent seeking postdoctoral study.....	41.3	36.1	13.0	45.5	20.6	78.6	41.0	7.1	D	56.0	53.2	54.2	50.0	D	55.6
Percent seeking employment.....	15.2	17.4	23.9	27.3	14.7	0.0	25.6	23.8	D	10.0	10.3	10.3	0.0	D	11.1
Percent with postdoctoral plans unknown.....	17.4	13.2	0.0	9.1	8.8	7.1	15.4	14.3	D	21.0	27.0	27.1	33.3	D	33.3
Percent with postdoctoral plans unknown.....	1.0	0.7	0.0	0.0	0.0	0.0	0.0	2.4	D	0.0	1.6	1.9	0.0	D	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Statistical profile of doctorate recipients from Italy, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
Primary work activity: percent	171	104	6	5	7	11	16	3	0	56	67	58	3	1	5
R&D.....	40.9	56.7	50.0	D	28.6	81.8	50.0	D	0.0	55.4	16.4	12.1	D	D	D
Teaching.....	40.4	24.0	33.3	D	42.9	18.2	37.5	D	0.0	17.9	65.7	70.7	D	D	D
Administrative.....	0.6	0.0	0.0	D	0.0	0.0	0.0	D	0.0	0.0	1.5	0.0	D	D	D
Professional services....	2.3	3.8	0.0	D	0.0	0.0	0.0	D	0.0	7.1	0.0	0.0	D	D	D
Other.....	1.8	2.9	0.0	D	0.0	0.0	6.3	D	0.0	3.6	0.0	0.0	D	D	D
Unknown.....	14.0	12.5	16.7	D	28.6	0.0	6.3	D	0.0	16.1	16.4	17.2	D	D	D
Type of employer: percent															
Educational institution ³	77.8	67.3	33.3	D	100.0	63.6	50.0	D	0.0	73.2	94.0	94.8	D	D	D
Industry/business.....	12.3	19.2	50.0	D	0.0	36.4	50.0	D	0.0	3.6	1.5	1.7	D	D	D
Government.....	0.6	1.0	0.0	D	0.0	0.0	0.0	D	0.0	1.8	0.0	0.0	D	D	D
Nonprofit.....	3.5	4.8	16.7	D	0.0	0.0	0.0	D	0.0	7.1	1.5	1.7	D	D	D
Other and unknown.....	5.8	7.7	0.0	D	0.0	0.0	0.0	D	0.0	14.3	3.0	1.7	D	D	D

D = data withheld to avoid potential disclosure of confidential information.

¹This table includes all citizens of Italy who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.²In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.³Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-9. Statistical profile of doctorate recipients from Korea¹, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	11,294	8,851	1,271	155	377	350	3,377	985	335	2,001	2,443	461	626	152	1,204
Percent men.....	84.4	88.3	86.9	89.7	77.5	90.0	99.0	67.2	86.0	83.6	70.4	53.4	51.1	62.5	87.9
Percent women.....	15.6	11.7	13.1	10.3	22.5	10.0	1.0	32.8	14.0	16.4	29.6	46.6	48.9	37.5	12.1
Percent with permanent visa.....	9.1	8.1	6.9	9.0	7.4	11.1	8.6	9.0	6.9	7.3	12.6	16.7	10.9	11.8	12.0
Percent with temporary visa.....	91.0	91.9	93.2	91.0	92.6	88.9	91.4	91.0	93.1	92.8	87.4	83.3	89.1	88.2	88.0
Percent married.....	82.8	83.8	81.9	87.7	80.4	85.7	86.5	82.2	88.4	80.5	79.2	68.5	77.3	75.0	84.8
Percent not married.....	13.4	12.7	14.8	9.7	15.7	8.9	10.2	15.3	9.9	15.2	15.7	23.9	20.0	18.4	10.1
Percent unknown.....	3.8	3.5	3.3	2.6	4.0	5.4	3.4	2.4	1.8	4.3	5.1	7.6	2.7	6.6	5.2
Median age at Ph.D. in years.....	33.7	33.5	32.8	34.3	33.0	34.3	33.4	33.0	33.3	34.2	34.6	34.6	34.4	33.8	34.8
Percent with dependents.....	77.8	79.2	76.5	79.4	73.2	85.4	84.0	74.2	81.2	74.9	72.7	56.2	69.5	65.8	81.6
Percent receiving sources of support ³															
Personal.....	77.4	74.8	59.2	72.3	66.6	81.1	77.1	66.4	80.0	84.7	87.0	85.0	89.3	73.7	88.3
Foreign government.....	6.4	6.8	3.4	13.5	5.6	10.6	9.8	3.8	6.3	4.5	5.2	2.4	9.1	3.9	4.4
University.....	87.6	90.2	95.4	91.6	92.0	87.7	90.3	95.0	93.1	83.7	78.1	71.4	67.4	85.5	85.3
Teaching assistant.....	47.1	47.9	69.1	29.7	86.7	62.9	36.0	38.8	7.5	57.2	44.3	46.4	27.5	30.3	53.9
Research assistant.....	65.2	71.2	86.9	85.2	35.8	64.0	80.8	79.7	88.4	44.8	43.3	15.2	36.1	65.1	55.1
Other university.....	16.5	14.3	12.6	10.3	14.9	9.7	8.4	21.2	7.2	24.1	24.6	32.5	21.9	12.5	24.4
Other.....	7.2	6.8	3.3	5.8	1.9	6.9	6.8	6.9	4.5	10.5	8.4	10.6	5.8	14.5	8.1
Unknown.....	4.4	4.1	3.6	4.5	5.3	3.4	4.3	2.5	2.4	5.2	5.5	8.5	3.8	6.6	5.1
Median years from baccalaureate to Ph.D.															
Total time in years.....	10.4	10.3	9.7	11.3	10.3	10.8	10.4	9.8	9.8	10.5	10.8	11.1	10.8	10.8	11.0
Registered time.....	7.3	7.3	7.3	8.3	7.8	7.5	7.0	7.3	6.8	7.7	7.8	8.3	7.1	7.5	7.8

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Statistical profile of doctorate recipients from Korea¹, by major field of doctorate: 1988–96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	1,022	715	87	14	28	39	290	89	23	145	307	77	68	18	144
U.S. total: percent.....	56.0	61.0	67.8	57.1	60.7	59.0	65.2	77.5	56.5	40.0	44.3	44.2	38.2	55.6	45.8
Study.....	41.6	50.7	84.8	62.5	41.2	17.4	34.4	92.8	76.9	27.6	12.5	5.9	19.2	50.0	7.6
Employment.....	56.1	47.7	15.3	37.5	52.9	78.3	64.0	7.2	23.1	69.0	83.1	88.2	80.8	30.0	89.4
Unknown.....	2.3	1.6	0.0	0.0	5.9	4.3	1.6	0.0	0.0	3.5	4.4	5.9	0.0	20.0	3.0
Non-U.S.	31.0	25.6	19.5	21.4	28.6	28.2	21.7	11.2	34.8	43.5	43.7	45.5	44.1	38.9	43.1
Unknown location.....	13.0	13.4	12.6	21.4	10.7	12.8	13.1	11.2	8.7	16.6	12.1	10.4	17.6	5.6	11.1
Number with temporary visas	10,272	8,136	1,184	141	349	311	3,087	896	312	1,856	2,136	384	558	134	1,060
U.S. total: percent.....	31.3	33.9	53.9	31.9	21.8	27.7	30.3	61.0	36.9	17.2	21.3	15.9	10.9	39.6	26.3
Study.....	66.9	73.7	94.7	91.1	53.9	23.3	63.5	96.9	91.3	31.4	25.8	23.0	31.1	92.5	12.5
Employment.....	31.4	25.1	4.7	6.7	42.1	72.1	35.3	2.7	7.8	66.1	69.8	63.9	67.2	5.7	83.9
Unknown.....	1.7	1.2	0.6	2.2	3.9	4.7	1.2	0.4	0.9	2.5	4.4	13.1	1.6	1.9	3.6
Non-U.S.	56.4	54.1	36.2	54.6	63.0	63.0	56.1	32.4	51.3	69.7	65.2	72.1	74.9	51.5	59.3
Unknown location.....	12.3	12.0	9.9	13.5	15.2	9.3	13.6	6.6	11.9	13.1	13.6	12.0	14.2	9.0	14.4
Number planning location in the United States after Ph.D.															
3,787	3,197	697	53	93	109	1,124	616	128	377	590	95	87	63	345	
Percent with definite postdoctoral study.....	41.6	47.1	68.9	45.3	26.9	10.1	31.7	76.3	59.4	16.7	12.2	6.3	10.3	65.1	4.6
Percent with definite employment.....	20.3	15.6	3.3	7.5	25.8	38.5	21.4	2.1	5.5	37.9	45.9	25.3	35.6	3.2	62.0
Percent seeking postdoctoral study.....	21.5	23.5	25.0	41.5	24.7	11.9	27.0	20.1	30.5	14.1	10.5	10.5	17.2	20.6	7.0
Percent seeking employment.....	14.8	12.6	2.3	3.8	18.3	34.9	18.7	1.1	3.9	28.7	27.0	47.4	35.6	6.3	22.9
Percent with postdoctoral plans unknown.....	1.8	1.3	0.6	1.9	4.3	4.6	1.3	0.3	0.8	2.7	4.4	10.5	1.1	4.8	3.5

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Statistical profile of doctorate recipients from Korea¹, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	768	497	23	4	24	42	241	13	7	143	271	24	31	2	214
Primary work activity: percent															
R&D.....	51.0	62.6	78.3	D	33.3	61.9	77.2	53.8	100.0	39.2	29.9	4.2	45.2	D	29.9
Teaching.....	35.6	25.8	4.4	D	58.3	26.2	13.7	15.4	0.0	46.9	53.5	75.0	38.7	D	53.7
Administrative.....	0.4	0.2	0.0	D	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	3.2	D	0.5
Professional services.....	3.9	3.8	8.7	D	0.0	0.0	4.6	7.7	0.0	2.8	4.1	0.0	6.5	D	4.2
Other.....	0.9	0.4	4.4	D	0.0	0.0	0.0	0.0	0.0	0.7	1.9	12.5	0.0	D	0.9
Unknown.....	8.2	7.2	4.4	D	8.3	11.9	4.6	23.1	0.0	9.8	10.0	8.3	6.5	D	10.8
Type of employer: percent															
Educational institution ⁴	63.3	49.9	13.0	D	95.8	47.6	29.1	69.2	42.9	83.2	87.8	83.3	80.6	D	90.2
Industry/business.....	28.4	41.5	69.6	D	4.2	50.0	63.9	23.1	42.9	4.2	4.4	0.0	9.7	D	3.7
Government.....	2.6	3.6	13.0	D	0.0	2.4	2.9	7.7	14.3	2.8	0.7	0.0	3.2	D	0.0
Nonprofit.....	4.0	2.8	0.0	D	0.0	0.0	3.7	0.0	0.0	3.5	6.3	16.7	6.5	D	5.1
Other and unknown.....	1.7	2.2	4.4	D	0.0	0.0	0.4	0.0	0.0	6.3	0.7	0.0	0.0	D	0.9

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes all responses for South Korea, North Korea, and unspecified Korean locations.² This table includes all citizens of Korea who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-10. Statistical profile of doctorate recipients from Mexico, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	1,359	1,126	102	61	68	26	238	230	198	203	233	91	63	41	38
Percent men.....	80.7	83.3	88.2	93.4	92.6	100.0	92.0	70.9	88.9	70.9	68.2	65.9	58.7	68.3	89.5
Percent women.....	19.3	16.7	11.8	6.6	7.4	0.0	8.0	29.1	11.1	29.1	31.8	34.1	41.3	31.7	10.5
Percent with permanent visa.....	18.0	15.7	15.7	19.7	16.2	15.4	13.0	13.9	15.7	19.7	28.8	38.5	23.8	19.5	23.7
Percent with temporary visa.....	82.1	84.3	84.3	80.3	83.8	84.6	87.0	86.1	84.3	80.3	71.2	61.5	76.2	80.5	76.3
Percent married.....	65.5	65.9	54.9	63.9	61.8	53.8	70.2	63.9	81.3	57.1	63.5	57.1	65.1	68.3	71.1
Percent not married.....	30.0	29.6	42.2	29.5	32.4	38.5	26.9	33.0	13.1	36.5	32.2	39.6	30.2	26.8	23.7
Percent unknown.....	4.5	4.5	2.9	6.6	5.9	7.7	2.9	3.0	5.6	6.4	4.3	3.3	4.8	4.9	5.3
Median age at Ph.D. in years.....	34.5	34.0	31.8	35.5	32.3	32.5	33.2	33.7	36.0	35.2	36.3	36.2	37.7	34.8	36.2
Percent with dependents.....	60.6	61.0	52.0	62.3	57.4	50.0	63.4	56.5	81.3	50.2	58.4	52.7	54.0	63.4	73.7
Percent receiving sources of support ²															
Personal.....	46.9	43.0	40.2	32.8	27.9	50.0	46.6	39.6	38.4	55.7	65.7	78.0	54.0	53.7	68.4
Foreign government.....	45.0	48.8	31.4	41.0	48.5	57.7	46.6	50.4	70.2	38.4	26.6	11.0	36.5	51.2	21.1
University.....	77.8	78.4	94.1	73.8	89.7	76.9	85.7	77.4	58.6	80.3	74.7	84.6	58.7	73.2	78.9
Teaching assistant.....	44.0	42.5	68.6	32.8	70.6	42.3	45.8	34.3	15.2	54.7	51.5	76.9	30.2	22.0	57.9
Research assistant.....	48.9	52.9	80.4	67.2	30.9	50.0	66.4	50.9	48.0	34.0	29.2	15.4	25.4	63.4	31.6
Other university.....	22.5	21.5	17.6	18.0	25.0	30.8	17.2	21.7	14.1	34.0	27.5	38.5	23.8	17.1	18.4
Other.....	21.9	20.9	13.7	18.0	10.3	19.2	14.3	22.2	14.6	41.4	27.0	16.5	34.9	29.3	36.8
Unknown.....	3.8	3.9	2.9	8.2	2.9	3.8	3.4	3.0	3.5	5.4	3.4	1.1	3.2	4.9	7.9
Median years from baccalaureate to Ph.D.															
Total time in years.....	10.3	9.9	8.6	11.5	8.1	8.9	10.0	9.1	11.8	10.1	12.0	10.0	13.3	12.4	14.0
Registered time.....	6.5	6.4	6.8	7.3	6.8	6.4	6.4	6.5	5.8	6.8	7.3	7.3	7.0	8.4	7.3

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Statistical profile of doctorate recipients from Mexico, by major field of doctorate: 1988–96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas															
U.S. total: percent.....	71.3	68.9	81.3	58.3	81.8	D	67.7	75.0	48.4	75.0	77.6	85.7	73.3	62.5	66.7
Study.....	26.4	34.4	38.5	42.9	44.4	D	33.3	54.2	13.3	26.7	7.7	10.0	9.1	0.0	0.0
Employment.....	70.1	62.3	61.5	57.1	55.6	D	61.9	33.3	86.7	73.3	88.5	83.3	90.9	100.0	100.0
Unknown.....	3.5	3.3	0.0	0.0	0.0	D	4.8	12.5	0.0	0.0	3.8	6.7	0.0	0.0	0.0
Non-U.S.....	18.9	22.0	12.5	33.3	18.2	D	12.9	18.8	48.4	12.5	10.4	8.6	13.3	25.0	0.0
Unknown location.....	9.8	9.0	6.3	8.3	0.0	D	19.4	6.3	3.2	12.5	11.9	5.7	13.3	12.5	33.3
Number with temporary visas															
U.S. total: percent.....	30.9	31.1	55.8	26.5	22.8	50.0	39.1	35.4	12.0	23.9	29.5	37.5	20.8	33.3	24.1
Study.....	54.1	59.7	79.2	69.2	46.2	18.2	46.9	92.9	50.0	20.5	20.4	9.5	20.0	54.5	0.0
Employment.....	44.8	39.0	20.8	23.1	53.8	81.8	53.1	5.7	50.0	74.4	79.6	90.5	80.0	45.5	100.0
Unknown.....	1.2	1.4	0.0	7.7	0.0	0.0	0.0	1.4	0.0	5.1	0.0	0.0	0.0	0.0	0.0
Non-U.S.....	61.2	61.4	40.7	65.3	70.2	40.9	49.3	61.1	77.8	69.9	59.6	55.4	68.8	54.5	58.6
Unknown location.....	8.0	7.5	3.5	8.2	7.0	9.1	11.6	3.5	10.2	6.1	10.8	7.1	10.4	12.1	17.2
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	28.8	33.8	47.5	35.0	22.7	14.3	23.5	62.8	22.9	10.1	7.9	5.9	9.5	18.8	0.0
Percent with definite employment.....	33.8	30.2	14.8	20.0	50.0	42.9	43.1	7.4	34.3	47.8	48.5	54.9	28.6	31.3	76.9
Percent seeking postdoctoral study.....	16.0	18.5	23.0	25.0	22.7	0.0	20.6	20.2	11.4	13.0	5.9	3.9	4.8	18.8	0.0
Percent seeking employment.....	19.5	15.6	14.8	15.0	4.5	42.9	11.8	5.3	31.4	26.1	35.6	31.4	57.1	31.3	23.1
Percent with postdoctoral plans unknown.....	1.9	1.9	0.0	5.0	0.0	0.0	1.0	4.3	0.0	2.9	2.0	3.9	0.0	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Statistical profile of doctorate recipients from Mexico, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	175	126	9	4	11	6	44	7	12	33	49	28	6	5	10
Primary work activity: percent															
R&D.....	45.1	53.2	88.9	D	18.2	100.0	56.8	42.9	83.3	33.3	24.5	14.3	50.0	D	20.0
Teaching.....	35.4	27.0	11.1	D	72.7	0.0	20.5	28.6	0.0	42.4	57.1	60.7	50.0	D	70.0
Administrative.....	2.9	1.6	0.0	D	0.0	0.0	2.3	0.0	0.0	3.0	6.1	10.7	0.0	D	0.0
Professional services.....	5.7	7.9	0.0	D	9.1	0.0	9.1	14.3	8.3	6.1	0.0	0.0	0.0	D	0.0
Other.....	1.7	2.4	0.0	D	0.0	0.0	2.3	14.3	0.0	3.0	0.0	0.0	0.0	D	0.0
Unknown.....	9.1	7.9	0.0	D	0.0	0.0	9.1	0.0	8.3	12.1	12.2	14.3	0.0	D	10.0
Type of employer: percent															
Educational institution ³	59.4	49.2	11.1	D	90.9	16.7	43.2	42.9	41.7	66.7	85.7	85.7	100.0	D	90.0
Industry/business.....	29.7	38.9	66.7	D	9.1	83.3	52.3	42.9	50.0	6.1	6.1	7.1	0.0	D	0.0
Government.....	4.0	5.6	11.1	D	0.0	0.0	4.5	0.0	8.3	9.1	0.0	0.0	0.0	D	0.0
Nonprofit.....	1.7	0.8	11.1	D	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.6	0.0	D	10.0
Other and unknown.....	5.1	5.6	0.0	D	0.0	0.0	0.0	14.3	0.0	18.2	4.1	3.6	0.0	D	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹This table includes all citizens of Mexico who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.²In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-11. Statistical profile of doctorate recipients from Scandinavia¹, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	823	612	97	40	44	33	112	92	32	162	211	90	41	22	58
Percent men.....	65.4	69.6	78.4	77.5	90.9	81.8	85.7	55.4	50.0	54.9	53.1	50.0	36.6	27.3	79.3
Percent women.....	34.6	30.4	21.6	22.5	9.1	18.2	14.3	44.6	50.0	45.1	46.9	50.0	63.4	72.7	20.7
Percent with permanent visa.....	24.1	20.6	19.6	5.0	6.8	27.3	13.4	27.2	21.9	28.4	34.1	42.2	29.3	36.4	24.1
Percent with temporary visa.....	75.9	79.4	80.4	95.0	93.2	72.7	86.6	72.8	78.1	71.6	65.9	57.8	70.7	63.6	75.9
Percent married.....	51.3	47.7	44.3	50.0	36.4	45.5	46.4	54.3	65.6	46.3	61.6	54.4	68.3	72.7	63.8
Percent not married.....	42.2	45.8	49.5	45.0	56.8	48.5	50.9	40.2	28.1	43.2	31.8	40.0	26.8	18.2	27.6
Percent unknown.....	6.6	6.5	6.2	5.0	6.8	6.1	2.7	5.4	6.3	10.5	6.6	5.6	4.9	9.1	8.6
Median age at Ph.D. in years.....	32.3	31.7	30.7	33.2	30.0	31.4	31.0	31.5	33.5	33.1	35.3	34.8	38.2	36.4	33.5
Percent with dependents.....	37.3	33.7	25.8	47.5	20.5	15.2	34.8	38.0	46.9	36.4	47.9	40.0	61.0	54.5	48.3
Percent receiving sources of support ³															
Personal.....	61.0	54.9	41.2	50.0	34.1	63.6	51.8	64.1	56.3	64.8	78.7	86.7	80.5	72.7	67.2
Foreign government.....	33.5	34.3	19.6	42.5	38.6	39.4	40.2	31.5	59.4	31.5	31.3	23.3	41.5	22.7	39.7
University.....	84.2	86.1	95.9	90.0	81.8	87.9	91.1	91.3	68.8	77.2	78.7	82.2	75.6	72.7	77.6
Teaching assistant.....	50.2	49.0	64.9	35.0	70.5	57.6	34.8	42.4	15.6	55.6	53.6	68.9	41.5	31.8	46.6
Research assistant.....	56.4	65.7	83.5	82.5	61.4	78.8	83.0	70.7	53.1	37.0	29.4	14.4	29.3	31.8	51.7
Other university.....	28.1	25.5	21.6	22.5	27.3	21.2	16.1	33.7	9.4	34.0	35.5	42.2	22.0	31.8	36.2
Other.....	32.9	31.2	22.7	35.0	25.0	33.3	26.8	31.5	25.0	40.7	37.9	40.0	43.9	36.4	31.0
Unknown.....	4.3	4.9	4.1	7.5	4.5	6.1	2.7	1.1	3.1	8.6	2.4	1.1	.	4.5	5.2
Median years from baccalaureate to Ph.D.															
Total time in years.....	8.0	7.5	6.3	9.5	6.0	7.1	6.8	7.6	8.3	8.3	10.2	10.0	13.5	12.0	8.5
Registered time.....	6.4	6.2	5.8	7.3	5.3	6.4	5.6	6.4	5.9	7.0	6.9	8.2	6.6	7.3	6.0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Statistical profile of doctorate recipients from Scandinavia¹, by major field of doctorate: 1988–96

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Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	198	126	19	2	3	9	15	25	7	46	72	38	12	8	14
U.S. total: percent.....	71.7	75.4	68.4	D	D	88.9	60.0	76.0	85.7	76.1	65.3	73.7	58.3	37.5	64.3
Study.....	28.2	37.9	23.1	D	D	12.5	22.2	89.5	16.7	22.9	8.5	7.1	0.0	33.3	11.1
Employment.....	68.3	60.0	69.2	D	D	87.5	77.8	10.5	83.3	74.3	85.1	85.7	100.0	66.7	77.8
Unknown.....	3.5	2.1	7.7	D	D	0.0	0.0	0.0	0.0	2.9	6.4	7.1	0.0	0.0	11.1
Non-U.S.....	18.7	15.1	10.5	D	D	11.1	26.7	24.0	14.3	10.9	25.0	18.4	33.3	50.0	21.4
Unknown location.....	9.6	9.5	21.1	D	D	0.0	13.3	0.0	0.0	13.0	9.7	7.9	8.3	12.5	14.3
Number with temporary visas	625	486	78	38	41	24	97	67	25	116	139	52	29	14	44
U.S. total: percent.....	33.8	37.2	50.0	23.7	29.3	54.2	35.1	40.3	12.0	37.9	21.6	25.0	13.8	14.3	25.0
Study.....	50.2	57.5	84.6	88.9	58.3	30.8	50.0	92.6	100.0	15.9	6.7	7.7	0.0	50.0	0.0
Employment.....	47.9	41.4	12.8	11.1	41.7	69.2	50.0	7.4	0.0	81.8	86.7	76.9	100.0	50.0	100.0
Unknown.....	1.9	1.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.7	15.4	0.0	0.0	0.0
Non-U.S.....	55.8	51.9	39.7	63.2	46.3	37.5	51.5	53.7	84.0	53.4	69.8	61.5	75.9	85.7	70.5
Unknown location.....	10.4	10.9	10.3	13.2	24.4	8.3	13.4	6.0	4.0	8.6	8.6	13.5	10.3	0.0	4.5
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	353	276	52	11	15	21	43	46	9	79	77	41	11	5	20
Percent with definite employment.....	28.6	34.8	53.8	81.8	20.0	9.5	25.6	71.7	33.3	8.9	6.5	4.9	0.0	D	5.0
Percent seeking postdoctoral study.....	40.2	35.9	15.4	9.1	40.0	61.9	46.5	2.2	33.3	59.5	55.8	43.9	63.6	D	80.0
Percent seeking employment.....	12.7	15.9	15.4	9.1	40.0	14.3	18.6	19.6	11.1	10.1	1.3	2.4	0.0	D	0.0
Percent with postdoctoral plans unknown.....	15.9	12.0	11.5	0.0	0.0	14.3	9.3	6.5	22.2	19.0	29.9	39.0	36.4	D	10.0
Percent with postdoctoral plans unknown.....	2.6	1.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.5	6.5	9.8	0.0	D	5.0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Statistical profile of doctorate recipients from Scandinavia¹, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
Primary work activity: percent	142	99	8	1	6	13	20	1	3	47	43	18	7	2	16
R&D.....	50.7	60.6	87.5	D	83.3	92.3	65.0	D	D	46.8	27.9	22.2	14.3	D	31.3
Teaching.....	30.3	19.2	0.0	D	0.0	0.0	5.0	D	D	36.2	55.8	61.1	42.9	D	62.5
Administrative.....	1.4	1.0	0.0	D	0.0	0.0	0.0	D	D	2.1	2.3	0.0	14.3	D	0.0
Professional services.....	9.2	11.1	12.5	D	0.0	7.7	20.0	D	D	6.4	4.7	5.6	14.3	D	0.0
Other.....	2.1	3.0	0.0	D	0.0	0.0	10.0	D	D	2.1	0.0	0.0	0.0	D	0.0
Unknown.....	6.3	5.1	0.0	D	16.7	0.0	0.0	D	D	6.4	9.3	11.1	14.3	D	6.3
Type of employer: percent															
Educational institution ⁴ ..	64.1	51.5	37.5	D	83.3	15.4	15.0	D	D	76.6	93.0	94.4	100.0	D	100.0
Industry/business.....	24.6	34.3	50.0	D	16.7	84.6	75.0	D	D	4.3	2.3	0.0	0.0	D	0.0
Government.....	4.9	5.1	12.5	D	0.0	0.0	10.0	D	D	2.1	4.7	5.6	0.0	D	0.0
Nonprofit.....	2.8	4.0	0.0	D	0.0	0.0	0.0	D	D	6.4	0.0	0.0	0.0	D	0.0
Other and unknown.....	3.5	5.1	0.0	D	0.0	0.0	0.0	D	D	10.6	0.0	0.0	0.0	D	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes Denmark, Finland, Iceland, Norway, Sweden, and unspecified Northern European countries.² This table includes all citizens of Scandinavian countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-12. Statistical profile of doctorate recipients from Taiwan, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s¹	11,705	9,927	1,186	179	376	591	4,987	1,322	384	902	1,778	238	753	264	523
Percent men.....	78.6	83.4	81.1	88.3	72.6	89.2	95.3	58.6	70.6	62.2	51.9	41.2	45.3	45.8	69.4
Percent women.....	21.4	16.6	18.9	11.7	27.4	10.8	4.7	41.5	29.4	37.8	48.1	58.8	54.7	54.2	30.6
Percent with permanent visa.....	14.0	14.0	13.2	12.8	11.4	21.5	13.8	16.3	10.4	10.6	14.2	17.2	9.6	16.3	18.4
Percent with temporary visa.....	86.0	86.0	86.8	87.2	88.6	78.5	86.2	83.7	89.6	89.4	85.8	82.8	90.4	83.7	81.6
Percent married.....	69.1	69.4	63.8	72.6	63.0	73.6	72.2	64.5	71.1	66.9	67.1	58.0	69.5	67.0	67.9
Percent not married.....	26.8	26.6	31.7	24.0	32.4	22.0	24.2	30.9	24.7	28.5	27.7	36.1	27.1	24.2	26.4
Percent unknown.....	4.2	4.0	4.5	3.4	4.5	4.4	3.6	4.5	4.2	4.7	5.2	5.9	3.5	8.7	5.7
Median age at Ph.D. in years.....	32.8	32.6	32.3	33.5	32.5	32.6	32.3	32.7	33.5	33.6	34.5	34.8	34.9	34.3	33.9
Percent with dependents.....	57.1	57.9	52.1	63.7	53.7	60.2	63.0	48.6	56.8	50.6	52.4	39.9	54.6	50.0	56.2
Percent receiving sources of support ²															
Personal.....	69.9	68.1	52.3	64.2	61.4	77.3	71.8	58.4	73.4	77.6	80.2	81.9	83.5	71.2	79.0
Foreign government.....	9.8	8.1	2.2	12.8	2.4	4.7	7.8	11.4	16.7	12.1	19.8	14.3	23.5	23.9	14.9
University.....	85.3	88.7	94.4	89.4	92.8	89.7	88.4	89.2	84.6	81.6	66.1	76.5	54.2	71.6	75.9
Teaching assistant.....	44.7	46.3	69.8	26.8	85.6	62.3	40.9	34.0	11.7	55.5	35.8	57.1	23.0	26.1	49.3
Research assistant.....	68.9	74.6	83.6	86.0	46.5	68.5	79.2	74.5	80.5	48.7	36.8	14.3	30.4	52.3	48.6
Other university.....	12.8	11.6	9.7	8.4	13.3	10.0	9.5	18.5	7.0	18.1	19.4	33.2	15.8	14.8	20.5
Other.....	5.4	4.9	3.1	5.6	3.2	5.6	4.5	5.8	5.5	7.4	8.4	16.4	6.4	10.2	6.7
Unknown.....	3.7	3.5	3.8	2.8	3.2	3.6	3.3	3.7	3.6	4.0	4.7	4.6	2.9	8.0	5.5
Median years from baccalaureate to Ph.D.															
Total time in years.....	10.0	9.9	9.5	10.8	9.9	10.1	9.9	9.6	10.4	10.9	11.5	11.9	11.6	11.1	11.4
Registered time.....	6.3	6.3	6.5	7.0	6.5	6.6	6.2	6.7	6.4	7.2	6.4	8.2	5.8	6.4	7.0

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Statistical profile of doctorate recipients from Taiwan, by major field of doctorate: 1988–96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	1,643	1,391	157	23	43	127	690	215	40	96	252	41	72	43	96
U.S. total: percent.....	72.9	74.4	70.1	73.9	67.4	75.6	72.9	87.4	77.5	63.5	64.7	63.4	58.3	72.1	66.7
Study.....	29.2	32.1	59.1	41.2	20.7	4.2	14.9	81.9	35.5	16.4	11.0	7.7	11.9	25.8	4.7
Employment.....	69.0	66.2	38.2	58.8	79.3	91.7	83.1	18.1	64.5	82.0	86.5	92.3	88.1	71.0	90.6
Unknown.....	1.8	1.7	2.7	0.0	0.0	4.2	2.0	0.0	0.0	1.6	2.5	0.0	0.0	3.2	4.7
Non-U.S.....	14.9	13.2	14.0	13.0	9.3	11.0	13.6	6.5	17.5	26.0	24.6	22.0	31.9	20.9	21.9
Unknown location.....	12.2	12.4	15.9	13.0	23.3	13.4	13.5	6.1	5.0	10.4	10.7	14.6	9.7	7.0	11.5
Number with temporary visas	10,062	8,536	1,029	156	333	464	4,297	1,107	344	806	1,526	197	681	221	427
U.S. total: percent.....	39.6	43.4	53.2	39.7	32.1	47.8	42.1	60.0	35.2	21.3	18.2	15.2	12.2	27.6	24.4
Study.....	47.1	49.2	77.9	69.4	23.4	7.2	32.5	91.1	60.3	25.6	19.4	13.3	22.9	42.6	4.8
Employment.....	51.0	49.0	19.9	27.4	75.7	90.1	66.1	7.4	33.9	70.9	78.4	80.0	74.7	55.7	94.2
Unknown.....	1.9	1.9	2.2	3.2	0.9	2.7	1.4	1.5	5.8	3.5	2.2	6.7	2.4	1.6	1.0
Non-U.S.....	47.1	43.0	30.5	45.5	51.4	37.7	43.5	31.0	52.6	67.6	70.3	75.1	76.5	57.0	64.9
Unknown location.....	13.3	13.6	16.3	14.7	16.5	14.4	14.4	9.0	12.2	11.0	11.5	9.6	11.3	15.4	10.8
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	5,179	4,738	657	79	136	318	2,311	852	152	233	441	56	125	92	168
Percent with definite employment.....	26.7	28.5	50.2	38.0	11.0	3.5	15.7	62.2	32.2	9.0	7.5	3.6	7.2	21.7	1.2
Percent seeking postdoctoral study.....	30.5	29.2	12.3	20.3	49.3	59.4	37.8	5.6	10.5	40.8	44.2	42.9	23.2	26.1	70.2
Percent seeking employment.....	16.3	17.0	24.5	25.3	11.8	2.8	13.0	26.9	23.0	14.2	8.8	7.1	12.0	15.2	3.6
Percent with postdoctoral plans unknown.....	24.7	23.5	10.7	13.9	27.2	31.1	32.0	4.1	29.6	33.0	37.2	42.9	56.0	34.8	22.6
Percent with postdoctoral plans unknown.....	1.9	1.8	2.3	2.5	0.7	3.1	1.5	1.2	4.6	3.0	2.3	3.6	1.6	2.2	2.4

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Statistical profile of doctorate recipients from Taiwan, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
Primary work activity: percent	1,580	1,385	81	16	67	189	873	48	16	95	195	24	29	24	118
R&D.....	68.2	72.3	74.1	68.8	50.7	75.1	78.0	60.4	81.3	32.6	39.0	8.3	48.3	66.7	37.3
Teaching.....	14.9	11.1	8.6	0.0	32.8	12.7	7.1	8.3	0.0	35.8	42.6	75.0	31.0	12.5	44.9
Administrative.....	0.8	0.7	0.0	0.0	0.0	1.1	0.5	2.1	0.0	2.1	1.5	4.2	0.0	0.0	1.7
Professional services....	7.2	7.5	6.2	18.8	7.5	3.2	7.8	20.8	12.5	5.3	4.6	0.0	6.9	12.5	3.4
Other.....	0.9	0.9	1.2	0.0	0.0	0.5	0.7	4.2	0.0	2.1	1.0	0.0	0.0	4.2	0.8
Unknown.....	8.1	7.7	9.9	12.5	9.0	7.4	6.0	4.2	6.3	22.1	11.3	12.5	13.8	4.2	11.9
Type of employer: percent															
Educational institution ³ ..	31.3	24.8	14.8	25.0	70.1	25.9	15.7	56.3	6.3	70.5	76.9	79.2	58.6	45.8	87.3
Industry/business.....	63.4	70.2	81.5	50.0	22.4	73.0	79.8	31.3	93.8	18.9	14.9	8.3	13.8	45.8	10.2
Government.....	2.0	2.1	2.5	12.5	1.5	1.1	2.0	4.2	0.0	3.2	1.5	0.0	3.4	0.0	1.7
Nonprofit.....	2.5	2.0	1.2	12.5	4.5	0.0	1.5	8.3	0.0	5.3	6.2	8.3	24.1	8.3	0.8
Other and unknown.....	0.8	0.9	0.0	0.0	1.5	0.0	1.0	0.0	0.0	2.1	0.5	4.2	0.0	0.0	0.0

¹This table includes all citizens of Taiwan who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

²In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than

100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

³Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-13. Statistical profile of doctorate recipients from United Kingdom¹, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	1,808	1,132	214	53	70	23	135	226	33	378	676	406	146	29	95
Percent men.....	67.5	74.7	87.4	79.2	78.6	82.6	88.1	71.2	63.6	63.8	55.6	54.9	52.1	65.5	61.1
Percent women.....	32.5	25.4	12.6	20.8	21.4	17.4	11.9	28.8	36.4	36.2	44.4	45.1	47.9	34.5	38.9
Percent with permanent visa.....	42.5	38.8	29.0	35.8	24.3	47.8	37.8	42.9	30.3	45.5	48.8	45.1	56.8	65.5	47.4
Percent with temporary visa.....	57.5	61.2	71.0	64.2	75.7	52.2	62.2	57.1	69.7	54.5	51.2	54.9	43.2	34.5	52.6
Percent married.....	44.4	40.5	34.1	43.4	25.7	39.1	44.4	43.4	42.4	43.1	50.9	48.0	61.6	34.5	51.6
Percent not married.....	49.7	54.0	58.9	52.8	71.4	56.5	51.1	52.7	51.5	50.0	42.6	45.6	32.2	51.7	43.2
Percent unknown.....	5.9	5.6	7.0	3.8	2.9	4.3	4.4	4.0	6.1	6.9	6.5	6.4	6.2	13.8	5.3
Median age at Ph.D. in years.....	31.2	30.0	28.2	30.8	28.0	32.8	29.0	30.8	32.0	32.0	33.9	32.3	39.5	31.5	35.1
Percent with dependents.....	25.2	21.1	15.9	22.6	12.9	21.7	23.7	19.5	30.3	24.6	32.0	25.9	43.8	34.5	38.9
Percent receiving sources of support ³															
Personal.....	60.7	51.0	29.0	49.1	40.0	56.5	43.0	46.5	63.6	69.8	76.9	72.4	87.0	69.0	83.2
Foreign government.....	2.1	2.5	3.3	0.0	4.3	4.3	4.4	1.3	6.1	1.6	1.5	2.0	0.0	0.0	2.1
University.....	90.9	92.4	91.1	96.2	95.7	95.7	91.9	93.8	93.9	91.0	88.5	94.3	74.0	75.9	89.5
Teaching assistant.....	67.5	64.7	72.9	60.4	82.9	52.2	46.7	50.9	30.3	75.7	72.2	84.2	50.7	48.3	61.1
Research assistant.....	51.7	66.7	76.6	86.8	61.4	69.6	84.4	69.0	84.8	49.7	26.5	18.2	26.7	48.3	54.7
Other university.....	37.7	32.8	21.5	30.2	25.7	30.4	22.2	32.3	18.2	46.3	46.0	56.9	26.0	24.1	36.8
Other.....	17.2	15.9	7.9	15.1	5.7	4.3	14.8	21.2	21.2	19.8	19.4	20.4	15.8	34.5	15.8
Unknown.....	3.1	2.8	5.6	0.0	1.4	4.3	3.7	0.4	0.0	3.2	3.6	3.0	3.4	10.3	4.2
Median years from baccalaureate to Ph.D.															
Total time in years.....	8.3	7.4	6.3	7.9	6.0	11.8	6.6	8.0	9.5	9.0	9.9	9.2	13.4	8.3	11.9
Registered time.....	6.4	6.1	5.4	6.4	5.9	6.8	6.0	6.0	6.1	6.8	7.1	7.4	6.9	5.8	5.9

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Statistical profile of doctorate recipients from United Kingdom¹, by major field of doctorate: 1988-96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas															
U.S. total: percent.....	769	439	62	19	17	11	51	97	10	172	330	183	83	19	45
Study.....	82.8	82.5	77.4	73.7	82.4	90.9	88.2	87.6	60.0	81.4	83.3	88.5	75.9	73.7	80.0
Employment.....	25.0	38.4	47.9	42.9	21.4	20.0	22.2	81.2	83.3	15.0	7.3	6.8	9.5	7.1	5.6
Unknown.....	73.6	60.2	50.0	57.1	78.6	80.0	77.8	18.8	0.0	82.9	91.3	90.7	90.5	92.9	94.4
Non-U.S.....	1.4	1.4	2.1	0.0	0.0	0.0	0.0	0.0	16.7	2.1	1.5	2.5	0.0	0.0	0.0
Unknown location.....	7.7	8.9	8.1	21.1	17.6	0.0	3.9	5.2	20.0	10.5	6.1	4.9	7.2	5.3	8.9
Number with temporary visas	9.5	8.7	14.5	5.3	0.0	9.1	7.8	7.2	20.0	8.1	10.6	6.6	16.9	21.1	11.1
U.S. total: percent.....	1,039	693	152	34	53	12	84	129	23	206	346	223	63	10	50
Study.....	60.4	60.9	63.2	58.8	62.3	66.7	67.9	66.7	43.5	54.4	59.2	61.9	52.4	70.0	54.0
Employment.....	38.9	54.3	70.8	65.0	36.4	37.5	42.1	84.9	70.0	25.9	7.3	8.0	3.0	28.6	3.7
Unknown.....	59.3	44.3	25.0	35.0	63.6	62.5	57.9	14.0	30.0	73.2	90.2	89.1	97.0	71.4	92.6
Non-U.S.....	1.8	1.4	4.2	0.0	0.0	0.0	0.0	1.2	0.0	0.9	2.4	2.9	0.0	0.0	3.7
Unknown location.....	29.2	29.3	28.9	32.4	28.3	16.7	20.2	28.7	39.1	33.0	28.9	27.8	28.6	30.0	34.0
Number planning location in the United States after Ph.D.	10.5	9.8	7.9	8.8	9.4	16.7	11.9	4.7	17.4	12.6	11.9	10.3	19.0	0.0	12.0
Percent with definite postdoctoral study.....	1,264	784	144	34	47	18	102	171	16	252	480	300	96	21	63
Percent with definite employment.....	25.8	38.5	56.9	41.2	25.5	27.8	22.5	70.2	56.3	14.7	5.0	5.0	5.2	9.5	3.2
Percent seeking postdoctoral study.....	47.5	37.4	22.9	32.4	55.3	55.6	48.0	11.1	12.5	56.7	64.0	59.7	68.8	57.1	79.4
Percent seeking employment.....	6.1	8.4	6.3	14.7	6.4	0.0	10.8	12.9	18.8	5.2	2.3	2.3	2.1	4.8	1.6
Percent with postdoctoral plans unknown.....	19.1	14.3	10.4	11.8	12.8	16.7	18.6	5.3	6.3	21.8	26.9	30.3	24.0	28.6	14.3
Percent with postdoctoral plans unknown.....	1.6	1.4	3.5	0.0	0.0	0.0	0.0	0.6	6.3	1.6	1.9	2.7	0.0	0.0	1.6

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Statistical profile of doctorate recipients from United Kingdom¹, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
States after Ph.D.	600	293	33	11	26	10	49	19	2	143	307	179	66	12	50
Primary work activity: percent															
R&D.....	32.8	47.4	66.7	63.6	38.5	50.0	75.5	31.6	D	35.7	18.9	8.4	24.2	66.7	38.0
Teaching.....	44.5	31.4	15.2	18.2	42.3	30.0	10.2	36.8	D	40.6	57.0	68.2	48.5	0.0	42.0
Administrative.....	4.2	2.1	0.0	0.0	0.0	10.0	0.0	0.0	D	3.5	6.2	4.5	12.1	0.0	6.0
Professional services....	6.5	8.9	6.1	9.1	11.5	10.0	6.1	15.8	D	9.1	4.2	2.8	4.5	25.0	4.0
Other.....	1.8	1.0	3.0	0.0	0.0	0.0	2.0	0.0	D	0.7	2.6	2.2	3.0	0.0	4.0
Unknown.....	10.2	9.2	9.1	9.1	7.7	0.0	6.1	15.8	D	10.5	11.1	14.0	7.6	8.3	6.0
Type of employer: percent															
Educational institution ⁴	74.2	60.8	18.2	36.4	80.8	60.0	38.8	57.9	D	77.6	87.0	92.2	83.3	16.7	90.0
Industry/business.....	16.5	25.6	69.7	45.5	19.2	20.0	57.1	26.3	D	4.2	7.8	4.5	6.1	58.3	10.0
Government.....	3.0	5.1	9.1	9.1	0.0	20.0	4.1	5.3	D	3.5	1.0	0.0	3.0	8.3	0.0
Nonprofit.....	4.7	5.5	0.0	0.0	0.0	0.0	0.0	10.5	D	9.8	3.9	3.4	7.6	8.3	0.0
Other and unknown.....	1.7	3.1	3.0	9.1	0.0	0.0	0.0	0.0	D	4.9	0.3	0.0	0.0	8.3	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes England, Wales, Scotland, and Northern Ireland.² This table includes all citizens of the United Kingdom who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-14. Statistical profile of doctorate recipients from Western Europe¹, by major field of doctorate: 1988–96

Page 1 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Total Number of Ph.D.s²	2,535	1,725	238	76	125	62	337	304	126	457	810	523	97	71	119
Percent men.....	69.0	76.3	80.7	86.8	79.2	83.9	93.2	67.1	72.2	65.2	53.5	47.2	44.3	62.0	83.2
Percent women.....	31.0	23.7	19.3	13.2	20.8	16.1	6.8	32.9	27.8	34.8	46.5	52.8	55.7	38.0	16.8
Percent with permanent visa.....	25.7	21.7	24.0	11.8	12.8	21.0	19.6	31.3	14.3	21.9	34.3	38.1	36.1	26.8	21.0
Percent with temporary visa.....	74.3	78.3	76.1	88.2	87.2	79.0	80.4	68.8	85.7	78.1	65.7	62.0	63.9	73.2	79.0
Percent married.....	46.3	45.1	42.0	53.9	39.2	48.4	42.7	49.7	42.9	45.7	48.9	48.8	45.4	62.0	44.5
Percent not married.....	48.3	50.1	55.5	42.1	56.8	48.4	53.7	44.1	50.0	48.4	44.4	45.1	46.4	31.0	47.9
Percent unknown.....	5.4	4.8	2.5	3.9	4.0	3.2	3.6	6.3	7.1	5.9	6.7	6.1	8.2	7.0	7.6
Median age at Ph.D. in years.....	31.3	30.6	29.2	30.7	29.3	30.8	29.7	30.9	31.3	31.7	33.4	33.2	36.7	34.3	32.1
Percent with dependents.....	28.5	26.8	18.9	43.4	25.6	24.2	27.0	25.3	35.7	27.1	32.2	29.3	33.0	47.9	35.3
Percent receiving sources of support ³															
Personal.....	55.7	49.6	36.1	38.2	41.6	56.5	46.0	56.3	42.9	60.0	68.5	68.8	77.3	64.8	62.2
Foreign government.....	19.6	22.0	11.8	31.6	28.0	14.5	22.8	13.2	32.5	27.6	14.4	8.6	19.6	35.2	23.5
University.....	88.0	88.6	95.8	89.5	96.0	91.9	90.2	84.9	77.0	86.7	86.7	91.4	77.3	78.9	78.2
Teaching assistant.....	58.2	53.2	76.1	44.7	85.6	54.8	38.3	41.8	13.5	63.0	69.0	82.6	45.4	38.0	47.1
Research assistant.....	55.1	67.4	87.8	77.6	53.6	77.4	81.6	62.2	73.0	48.8	29.0	19.5	35.1	53.5	51.3
Other university.....	28.3	24.9	16.8	19.7	26.4	12.9	19.3	28.3	11.1	37.0	35.4	39.2	26.8	29.6	29.4
Other.....	21.9	23.5	15.5	21.1	18.4	35.5	24.3	23.7	15.1	29.5	18.4	14.9	21.6	18.3	31.1
Unknown.....	3.7	3.3	1.7	2.6	2.4	1.6	2.7	3.9	3.2	4.6	4.7	4.4	3.1	8.5	5.0
Median years from baccalaureate to Ph.D.															
Total time in years.....	7.9	7.4	6.5	7.8	6.3	8.1	6.9	7.5	8.2	8.4	9.4	9.3	12.2	9.1	8.5
Registered time.....	6.2	6.0	5.5	6.5	5.2	6.2	5.4	6.3	5.9	6.7	6.9	7.2	6.8	6.2	6.3

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Statistical profile of doctorate recipients from Western Europe¹, by major field of doctorate: 1988-96

Page 2 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Planned location after Ph.D.															
Number with permanent visas	652	374	57	9	16	13	66	95	18	100	278	199	35	19	25
U.S. total: percent.....	81.0	80.0	73.7	100.0	75.0	100.0	77.3	85.3	50.0	82.0	82.4	83.9	74.3	73.7	88.0
Study.....	27.3	40.5	47.6	55.6	25.0	30.8	29.4	79.0	0.0	12.2	10.0	9.6	7.7	35.7	0.0
Employment.....	69.7	56.5	50.0	44.4	66.7	69.2	66.7	19.8	100.0	82.9	86.9	88.0	88.5	57.1	95.5
Unknown.....	3.0	3.0	2.4	0.0	8.3	0.0	3.9	1.2	0.0	4.9	3.1	2.4	3.8	7.1	4.5
Non-U.S.....	9.8	11.2	14.0	0.0	12.5	0.0	13.6	9.5	27.8	9.0	7.9	6.5	8.6	15.8	12.0
Unknown location.....	9.2	8.8	12.3	0.0	12.5	0.0	9.1	5.3	22.2	9.0	9.7	9.5	17.1	10.5	0.0
Number with temporary visas	1,883	1,351	181	67	109	49	271	209	108	357	532	324	62	52	94
U.S. total: percent.....	43.1	42.3	47.0	32.8	37.6	55.1	41.3	52.2	37.0	37.8	45.1	53.7	33.9	40.4	25.5
Study.....	44.4	55.7	81.2	77.3	61.0	33.3	40.2	91.7	72.5	17.8	17.5	14.4	23.8	47.6	8.3
Employment.....	54.5	43.4	16.5	22.7	39.0	66.7	59.8	8.3	27.5	80.0	80.8	83.9	71.4	52.4	91.7
Unknown.....	1.1	0.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.7	1.7	4.8	0.0	0.0
Non-U.S.....	48.0	48.6	44.2	53.7	56.9	32.7	47.2	38.8	52.8	54.9	46.4	36.7	61.3	53.8	66.0
Unknown location.....	9.0	9.2	8.8	13.4	5.5	12.2	11.4	9.1	10.2	7.3	8.5	9.6	4.8	5.8	8.5
Number planning location in the United States after Ph.D.															
Percent with definite postdoctoral study.....	28.8	39.7	58.3	48.4	45.3	27.5	26.4	68.4	36.7	13.8	8.7	7.0	10.6	28.6	4.3
Percent with definite employment.....	44.6	35.6	15.7	25.8	35.8	57.5	44.8	8.9	22.4	64.1	61.2	61.9	63.8	34.3	73.9
Percent seeking postdoctoral study.....	8.8	10.8	11.8	22.6	7.5	5.0	10.4	17.9	22.4	1.8	5.1	5.0	4.3	14.3	0.0
Percent seeking employment.....	15.9	12.3	11.8	3.2	9.4	10.0	17.2	4.2	18.4	17.1	22.6	24.0	17.0	20.0	19.6
Percent with postdoctoral plans unknown.....	1.9	1.6	2.4	0.0	1.9	0.0	1.2	0.5	0.0	3.2	2.3	2.1	4.3	2.9	2.2

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Statistical profile of doctorate recipients from Western Europe¹, by major field of doctorate: 1988–96

Page 3 of 3

Item	Total All Fields	Total Science and Engineering	Physical Sciences	Earth, Atmospheric, and Ocean Sciences	Mathematics	Computer/Information Sciences	Engineering	Biological Sciences	Agricultural Sciences	Psychology and Social Sciences	Non-Science and Engineering	Humanities	Education	Health Sciences	Professional and Other Fields
Number with definite employment plans in United States after Ph.D.															
Primary work activity: percent															
R&D.....	41.0	62.3	75.0	62.5	52.6	52.2	78.1	58.8	63.6	55.4	18.1	11.4	16.7	66.7	44.1
Teaching.....	42.9	22.3	10.0	25.0	47.4	21.7	8.2	29.4	27.3	26.6	65.2	73.9	43.3	16.7	47.1
Administrative.....	0.8	0.7	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.7	1.0	0.0	10.0	0.0	0.0
Professional services....	4.5	5.8	5.0	12.5	0.0	8.7	5.5	0.0	9.1	6.5	3.1	2.4	10.0	0.0	2.9
Other.....	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.4	0.9	0.0	8.3	2.9
Unknown.....	9.4	7.7	10.0	0.0	0.0	17.4	8.2	5.9	0.0	7.9	11.2	11.4	20.0	8.3	2.9
Type of employer: percent															
Educational institution ⁴	72.2	54.5	15.0	75.0	78.9	43.5	26.0	35.3	45.5	75.5	91.3	95.7	73.3	58.3	91.2
Industry/business.....	19.3	33.9	85.0	25.0	21.1	52.2	65.8	41.2	45.5	7.2	3.5	0.9	13.3	8.3	8.8
Government.....	2.5	3.6	0.0	0.0	0.0	0.0	6.8	11.8	0.0	2.9	1.4	0.5	3.3	16.7	0.0
Nonprofit.....	3.0	3.9	0.0	0.0	0.0	4.3	1.4	11.8	9.1	5.0	2.1	1.9	3.3	8.3	0.0
Other and unknown.....	3.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	1.7	0.9	6.7	8.3	0.0

¹ Includes Andorra, Belgium, Gibraltar, Luxembourg, Monaco, the Netherlands, Portugal, Spain, Switzerland, the Republic of Ireland, Austria, Liechtenstein, Malta, and unspecified Western European countries.

² This table includes all citizens of Western European countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁴ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-15. Statistical profile of doctorate recipients from Canada, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	482	301	287	295	317	353	363	419	511	509	486	490	524	501
Percent men.....	82.8	76.4	71.1	69.5	69.1	67.1	70.8	65.9	64.8	66.4	58.4	62.4	58.4	61.9
Percent women.....	17.2	23.6	28.9	30.5	30.9	32.9	29.2	34.1	35.2	33.6	41.6	37.6	41.6	38.1
Percent with permanent visa.....	16.8	19.6	22.3	27.1	23.7	27.5	26.7	25.1	28.4	25.5	26.1	22.0	28.4	24.2
Percent with temporary visa.....	83.2	80.4	77.7	72.9	76.3	72.5	73.3	74.9	71.6	74.5	73.9	78.0	71.6	75.8
Percent married.....	68.1	57.8	50.2	56.3	51.4	54.4	49.0	50.6	48.7	51.3	46.5	49.0	45.2	48.9
Percent not married.....	30.1	41.5	47.4	40.7	45.1	43.6	48.5	45.3	42.3	43.2	45.7	45.7	46.2	44.9
Percent unknown.....	1.9	0.7	2.4	3.1	3.5	2.0	2.5	4.1	9.0	5.5	7.8	5.3	8.6	6.2
Median age at Ph.D. in years ²	29.4	29.5	29.5	30.5	30.1	30.6	30.8	30.5	30.8	30.8	30.7	30.9	31.3	31.3
Percent with dependents.....	39.8	37.5	36.2	39.3	38.5	38.2	33.1	33.7	32.1	34.0	29.6	30.6	30.5	30.7
Percent receiving sources of support: percent ^{2,3}														
Personal.....	50.5	46.8	61.7	58.4	59.7	65.5	65.9	61.7	59.3	59.2	64.2	55.6	57.7	63.8
Foreign government.....	0.0	0.0	0.0	0.0	27.6	38.4	35.5	35.2	30.0	28.9	28.1	31.6	29.6	35.1
University.....	87.9	83.3	87.0	84.3	80.1	83.3	89.5	87.0	84.5	90.8	90.5	89.5	87.2	90.2
Teaching assistant.....	52.0	46.8	44.8	48.3	43.1	49.3	50.9	51.0	45.5	60.2	57.5	53.5	44.9	62.0
Research assistant.....	53.7	55.1	61.7	55.6	60.2	58.1	62.7	64.0	64.6	67.8	70.9	62.5	63.9	72.1
Other university.....	41.6	31.4	37.0	29.8	22.1	27.1	32.7	21.3	20.9	22.0	30.2	28.4	28.5	44.2
Other.....	42.7	54.5	42.9	49.4	22.7	16.7	15.9	13.8	14.5	18.1	21.8	20.0	17.5	16.7
Unknown.....	1.4	0.0	3.2	2.8	7.2	3.4	2.7	3.6	6.1	2.0	2.5	1.5	4.4	3.3
Median years from baccalaureate to Ph.D.														
Total time: in years.....	8.0	8.9	9.1	9.0	9.1	9.5	9.3	9.0	9.5	9.2	9.5	8.9	9.9	9.6
Registered time: in years.....	5.6	6.0	6.5	6.5	6.8	6.9	6.8	6.8	6.8	6.9	7.0	7.0	7.2	7.0
Sciences & Engineering: percent.....	58.3	51.8	53.7	60.3	57.1	57.5	60.6	60.4	58.1	59.7	58.6	56.1	52.3	55.1
Physical Sciences.....	9.6	12.2	12.3	13.5	12.2	14.3	10.0	14.2	11.4	13.2	15.4	15.6	14.6	12.3
Earth, Atmospheric, and Ocean sciences.....	8.2	5.1	5.8	5.6	5.0	3.0	4.1	4.0	4.4	6.6	3.5	1.8	3.3	2.9
Mathematics.....	6.1	8.3	6.5	3.9	5.5	5.4	5.0	4.3	6.1	5.9	5.6	5.8	4.7	4.0
Computer/Information sciences.....	0.0	1.3	1.3	2.2	1.7	3.0	3.6	3.2	4.0	4.6	2.5	2.5	3.3	1.8
Engineering.....	10.7	12.8	14.3	10.1	16.0	13.8	17.3	16.2	18.2	15.1	14.7	13.1	15.0	16.3
Biological sciences.....	16.0	17.9	17.5	22.5	23.8	23.2	20.9	19.4	22.2	19.4	17.5	26.9	17.9	26.4
Agricultural sciences.....	5.0	5.1	7.8	7.3	7.2	5.4	5.5	6.3	3.7	3.9	4.6	2.9	3.7	5.1
Psychology and social sciences....	44.5	37.2	34.4	34.8	28.7	32.0	33.6	32.4	30.0	31.3	36.1	31.3	37.6	31.2
Non-sciences and Engineering: percent.....	41.7	48.2	46.3	39.7	42.9	42.5	39.4	39.6	41.9	40.3	41.4	43.9	47.7	44.9
Humanities.....	31.8	30.3	33.1	34.2	27.9	38.0	35.7	37.3	36.9	36.6	31.8	36.3	34.8	37.3
Education.....	47.8	52.4	42.9	43.6	45.6	38.7	35.0	24.7	32.7	27.8	35.8	28.4	37.6	32.9
Health sciences.....	5.5	6.2	6.0	6.8	9.6	8.0	9.8	13.3	9.8	11.7	7.0	14.0	12.0	10.7
Professional and other fields.....	14.9	11.0	18.0	15.4	16.9	15.3	19.6	24.7	20.6	23.9	25.4	21.4	15.6	19.1
Planned location after Ph.D.²														
Number with permanent visas:.....	41	32	29	49	40	53	55	55	75	76	71	58	78	70
U. S. total: percent.....	75.6	75.0	62.1	63.3	67.5	67.9	58.2	74.5	81.3	84.2	80.3	86.2	80.8	81.4
Study.....	41.9	33.3	16.7	51.6	55.6	55.6	56.3	29.3	39.3	32.8	43.9	42.0	39.7	47.4
Employment.....	58.1	66.7	83.3	48.4	44.4	44.4	43.8	70.7	59.0	65.6	50.9	58.0	60.3	50.9
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	5.3	0.0	0.0	1.8	
Non-U.S.....	12.2	3.1	13.8	8.2	20.0	15.1	16.4	10.9	13.3	15.8	15.5	12.1	12.8	11.4
Unknown location.....	12.2	21.9	24.1	28.6	12.5	17.0	25.5	14.5	5.3	0.0	4.2	1.7	6.4	7.1

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Statistical profile of doctorate recipients from Canada, by year of Ph.D.: 1975, 1980, 1985-96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	240	124	125	129	141	150	165	198	222	228	214	217	196	206
U. S. total: percent	24.2	33.9	38.4	31.8	35.5	39.3	37.6	40.4	45.5	46.9	50.0	50.7	56.1	60.7
Study	55.2	69.0	64.6	61.0	58.0	54.2	48.4	52.5	54.5	42.1	59.8	58.2	49.1	48.8
Employment	44.8	31.0	35.4	39.0	42.0	45.8	51.6	47.5	45.5	57.0	40.2	40.0	48.2	49.6
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.8	2.7	1.6
Non-U.S.	60.8	56.5	41.6	48.1	38.3	42.0	41.2	46.0	45.0	49.1	47.7	48.4	40.3	37.9
Unknown location	15.0	9.7	20.0	20.2	26.2	18.7	21.2	13.6	9.5	3.9	2.3	0.9	3.6	1.5
Number planning location in the United States after Ph.D.²:	89	66	66	72	77	95	94	121	162	171	164	160	173	182
Percent with definite postdoctoral study ⁴	48.3	51.5	40.9	48.6	49.4	47.4	43.6	33.1	39.5	33.3	44.5	45.0	32.9	40.7
Percent with definite employment ⁴	47.2	40.9	47.0	41.7	40.3	44.2	42.6	48.8	38.9	43.3	34.8	31.9	35.8	30.8
Percent seeking postdoctoral study ⁴	2.2	4.5	10.6	8.3	7.8	7.4	7.4	11.6	9.3	5.3	9.8	8.1	12.7	7.7
Percent seeking employment ⁴	2.2	3.0	1.5	1.4	2.6	1.1	6.4	6.6	11.7	17.0	9.1	13.8	16.8	19.2
Percent with postdoctoral plans unknown ⁴	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.8	1.3	1.7	1.6	
Number with definite employment plans in United States after Ph.D.:	42	27	31	30	31	42	40	59	63	74	57	51	62	56
Primary work activity ² : percent														
R&D	35.7	66.7	45.2	56.7	67.7	45.2	67.5	49.2	49.2	55.4	45.6	56.9	53.2	39.3
Teaching	40.5	14.8	45.2	23.3	12.9	28.6	25.0	20.3	22.2	17.6	22.8	19.6	22.6	33.9
Administrative	4.8	0.0	0.0	3.3	0.0	2.4	2.5	1.7	0.0	2.7	0.0	2.0	1.6	3.6
Professional services	9.5	14.8	0.0	13.3	19.4	11.9	2.5	15.3	15.9	13.5	10.5	9.8	19.4	12.5
Other	0.0	3.7	0.0	3.3	0.0	4.8	0.0	0.0	4.8	1.4	0.0	3.9	0.0	3.6
Unknown	9.5	0.0	9.7	0.0	0.0	7.1	2.5	13.6	7.9	9.5	21.1	7.8	3.2	7.1
Type of employer: percent ²														
Educational institution ⁵	64.3	40.7	83.9	50.0	45.2	54.8	55.0	55.9	55.6	41.9	57.9	47.1	45.2	50.0
Industry/business	16.7	37.0	12.9	43.3	38.7	33.3	27.5	30.5	38.1	44.6	33.3	45.1	41.9	41.1
Government	2.4	3.7	3.2	3.3	6.5	0.0	7.5	5.1	1.6	2.7	0.0	3.9	1.6	5.4
Nonprofit	7.1	18.5	0.0	3.3	9.7	11.9	7.5	8.5	3.2	8.1	3.5	2.0	9.7	3.6
Other and unknown	9.5	0.0	0.0	0.0	0.0	0.0	2.5	0.0	1.6	2.7	5.3	2.0	1.6	0.0

¹This table includes all citizens of Canada who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.²Sciences and engineering Ph.D.s only.³In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-16. Statistical profile of doctorate recipients from China, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s ¹	4	3	137	203	306	499	657	1,225	1,919	2,238	2,416	2,772	2,979	3,200
Percent men.....	D	D	84.7	90.6	87.6	84.6	82.0	82.6	79.7	77.8	76.5	75.5	73.8	74.5
Percent women.....	D	D	15.3	9.4	12.4	15.4	18.0	17.4	20.3	22.3	23.6	24.5	26.3	25.5
Percent with permanent visa.....	D	D	3.7	3.4	7.5	6.2	5.5	4.7	5.8	8.6	16.1	64.6	79.4	56.0
Percent with temporary visa.....	D	D	96.4	96.6	92.5	93.8	94.5	95.3	94.2	91.4	83.9	35.4	20.6	44.0
Percent married.....	D	D	86.1	86.7	77.8	78.8	78.4	74.4	74.6	78.2	79.8	79.2	78.5	80.8
Percent not married.....	D	D	12.4	13.3	19.0	20.0	20.2	18.7	17.8	16.2	14.8	14.8	15.7	15.4
Percent unknown.....	D	D	1.5	0.0	3.3	1.2	1.4	6.9	7.7	5.6	5.4	6.0	5.8	3.8
Median age at Ph.D. in years ²	D	D	39.9	39.6	36.8	32.5	32.2	32.0	32.4	32.3	32.5	32.4	32.3	32.6
Percent with dependents.....	D	D	73.7	76.8	62.7	60.9	57.2	58.5	59.1	61.9	62.9	63.4	60.8	62.7
Percent receiving sources of support: percent ^{2,3}														
Personal.....	D	D	7.4	10.6	13.3	12.1	12.3	13.5	14.2	17.7	21.5	22.4	22.9	33.7
Foreign government.....	D	D	0.0	0.0	11.9	19.0	19.0	12.6	9.0	7.8	4.9	2.5	1.3	1.3
University.....	D	D	89.6	95.5	93.2	96.9	97.1	93.3	94.7	97.1	95.9	95.6	95.5	96.0
Teaching assistant.....	D	D	45.2	61.6	61.1	65.8	62.9	57.7	57.3	59.1	56.6	55.6	53.1	58.4
Research assistant.....	D	D	69.6	81.3	77.5	85.6	80.6	81.2	80.9	84.8	82.0	81.4	81.8	84.3
Other university.....	D	D	25.2	26.8	25.3	27.1	26.9	21.2	19.7	16.2	17.9	16.8	18.0	28.3
Other.....	D	D	25.9	19.2	8.5	6.7	7.6	4.4	5.1	5.1	5.8	6.1	5.6	8.2
Unknown.....	D	D	3.0	2.0	5.5	1.9	2.1	5.3	4.4	2.0	2.8	3.1	3.3	3.5
Median years from baccalaureate to Ph.D.														
Total time: in years.....	D	D	16.9	16.2	8.4	6.3	6.9	7.8	8.7	9.5	10.3	10.9	11.1	11.4
Registered time: in years.....	D	D	5.3	5.7	5.3	5.6	5.9	6.3	6.4	6.9	7.1	7.3	7.4	7.4
Sciences & Engineering: percent.....	D	D	98.5	97.5	95.8	96.2	94.4	93.9	93.4	91.4	92.2	91.3	92.4	92.3
Physical sciences.....	D	D	26.7	36.9	38.2	36.5	34.8	28.0	27.7	28.6	25.0	25.3	23.9	21.4
Earth, Atmospheric, and Ocean sciences.....	D	D	6.7	4.5	1.0	4.4	2.9	3.7	2.7	4.3	3.8	4.4	3.8	3.5
Mathematics.....	D	D	13.3	14.6	11.6	9.2	11.1	9.7	10.7	8.5	9.0	7.4	7.2	6.1
Computer/Information sciences.....	D	D	4.4	5.1	4.1	2.9	3.4	3.2	3.3	2.9	2.5	2.1	2.1	2.1
Engineering.....	D	D	35.6	28.3	29.4	27.5	25.6	28.5	26.6	24.8	24.4	25.9	28.1	27.1
Biological sciences.....	D	D	10.4	8.1	12.3	13.1	15.0	18.4	20.6	22.1	24.3	23.4	26.1	29.1
Agricultural sciences.....	D	D	1.5	1.0	0.7	2.9	3.2	3.2	3.6	3.3	3.1	3.2	2.4	4.2
Psychology and social sciences.....	D	D	1.5	1.5	2.7	3.5	3.9	5.1	4.9	5.6	7.9	8.3	6.4	6.5
Non-sciences and Engineering: percent.....	D	D	1.5	2.5	4.2	3.8	5.6	6.1	6.6	8.6	7.8	8.7	7.6	7.8
Humanities.....	D	D	100.0	40.0	30.8	42.1	35.1	26.7	23.0	30.6	27.0	32.8	25.6	29.8
Education.....	D	D	0.0	0.0	15.4	31.6	29.7	40.0	31.8	25.9	28.0	29.1	26.4	26.2
Health sciences.....	D	D	0.0	0.0	30.8	10.5	18.9	12.0	19.8	21.8	20.1	20.3	25.1	21.0
Professional and other fields.....	D	D	0.0	60.0	23.1	15.8	16.2	21.3	25.4	21.8	24.9	17.8	22.9	23.0
Planned location after Ph.D.²														
Number with permanent visas:.....	D	D	5	7	22	26	36	54	100	162	352	1,642	2,169	1,628
U. S. total: percent.....	D	D	40.0	57.1	50.0	61.5	66.7	63.0	83.0	96.3	95.7	95.5	94.5	94.6
Study.....	D	D	50.0	50.0	45.5	37.5	62.5	35.3	50.6	53.2	47.5	54.0	53.8	48.3
Employment.....	D	D	50.0	50.0	54.5	62.5	33.3	61.8	47.0	39.7	45.1	42.3	42.5	48.9
Unknown.....	D	D	0.0	0.0	0.0	0.0	4.2	2.9	2.4	7.1	7.4	3.7	3.7	2.8
Non-U.S.....	D	D	20.0	0.0	4.5	0.0	2.8	1.9	2.0	1.2	1.7	2.1	2.2	2.5
Unknown location.....	D	D	40.0	42.9	45.5	38.5	30.6	35.2	15.0	2.5	2.6	2.4	3.3	3.0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Statistical profile of doctorate recipients from China, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	D	D	130	191	271	454	584	1,096	1,693	1,883	1,875	889	583	1,324
U. S. total: percent	D	D	39.2	53.4	56.1	59.0	61.1	59.6	79.5	87.8	87.4	87.4	84.9	86.9
Study	D	D	68.6	79.4	80.9	79.1	77.0	65.5	61.6	62.3	62.5	58.4	58.2	59.0
Employment	D	D	25.5	20.6	18.4	20.9	22.1	33.7	36.6	34.4	34.4	38.9	38.0	39.2
Unknown	D	D	5.9	.7	0.0	0.8	0.8	1.8	3.3	3.1	2.7	3.8	1.7	
Non-U.S.	D	D	30.0	14.7	7.0	8.2	9.4	9.7	5.7	5.5	5.3	4.7	5.7	5.3
Unknown location	D	D	30.8	31.9	36.9	32.8	29.5	30.8	14.8	6.7	7.3	7.9	9.4	7.9
Number planning location in the United States after Ph.D. ² :	D	D	53	106	163	284	381	687	1,429	1,809	1,975	2,345	2,545	2,690
Percent with definite postdoctoral study ⁴	D	D	45.3	64.2	64.4	60.6	62.7	47.2	37.5	36.8	33.5	31.4	31.1	35.7
Percent with definite employment ⁴	D	D	22.6	19.8	17.8	20.8	19.4	22.3	22.5	17.8	17.3	17.1	17.7	26.8
Percent seeking postdoctoral study ⁴	D	D	22.6	14.2	14.1	16.2	13.4	16.9	23.4	24.7	26.5	24.1	23.6	17.2
Percent seeking employment ⁴	D	D	3.8	1.9	3.1	2.5	3.4	12.8	14.7	17.1	18.9	24.0	23.9	18.0
Percent with postdoctoral plans unknown ⁴	D	D	5.7	0.0	0.6	0.0	1.1	0.9	1.8	3.6	3.8	3.4	3.7	2.3
Number with definite employment plans in United States after Ph.D.:	D	D	12	21	29	59	74	153	322	322	342	402	450	720
Primary work activity ² : percent														
R&D	D	D	58.3	28.6	62.1	57.6	62.2	56.9	61.8	64.3	58.5	67.4	66.2	72.8
Teaching	D	D	33.3	61.9	27.6	27.1	25.7	16.3	15.5	13.4	18.4	9.7	9.1	6.8
Administrative	D	D	0.0	0.0	3.4	1.7	0.0	0.7	0.3	0.6	0.3	1.0	0.9	1.1
Professional services	D	D	0.0	0.0	0.0	3.4	1.4	5.2	3.7	3.4	3.5	5.0	8.7	11.1
Other	D	D	0.0	4.8	0.0	0.0	0.0	0.0	1.2	0.9	1.8	2.5	2.0	3.9
Unknown	D	D	8.3	4.8	6.9	10.2	10.8	20.9	17.4	17.4	17.5	14.4	13.1	4.3
Type of employer: percent ²														
Educational institution ⁵	D	D	66.7	76.2	62.1	69.5	66.2	46.4	41.6	39.8	42.1	25.4	23.8	13.6
Industry/business	D	D	25.0	14.3	34.5	25.4	27.0	47.1	51.9	52.2	48.8	63.7	66.9	79.4
Government	D	D	8.3	0.0	3.4	3.4	2.7	3.3	1.9	3.1	3.8	3.0	2.9	2.5
Nonprofit	D	D	0.0	9.5	0.0	0.0	2.7	2.6	4.0	2.2	2.3	3.5	3.1	2.9
Other and unknown	D	D	0.0	0.0	0.0	1.7	1.4	0.7	0.6	2.8	2.9	4.5	3.3	1.5

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of China who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.

Table B-17. Statistical profile of doctorate recipients from Eastern Europe¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	25	28	55	67	57	69	72	106	116	124	148	217	261	433
Percent men.....	80.0	75.0	69.1	73.1	82.5	81.2	72.2	71.7	78.4	74.2	68.9	75.1	75.9	73.7
Percent women.....	20.0	25.0	30.9	26.9	17.5	18.8	27.8	28.3	21.6	25.8	31.1	24.9	24.1	26.3
Percent with permanent visa.....	40.0	21.4	14.5	28.4	24.6	15.9	27.8	25.5	18.1	24.2	20.9	25.8	21.5	22.6
Percent with temporary visa.....	60.0	78.6	85.5	71.6	75.4	84.1	72.2	74.5	81.9	75.8	79.1	74.2	78.5	77.4
Percent married.....	56.0	32.1	61.8	64.2	54.4	59.4	61.1	61.3	56.0	62.1	59.5	59.4	62.5	57.5
Percent not married.....	44.0	67.9	34.5	32.8	43.9	40.6	36.1	32.1	34.5	33.1	35.1	34.6	24.5	37.6
Percent unknown.....	0.0	0.0	3.6	3.0	1.8	0.0	2.8	6.6	9.5	4.8	5.4	6.0	13.0	4.9
Median age at Ph.D. in years ³	31.2	31.1	31.9	31.6	30.9	32.1	32.3	33.0	32.4	32.0	32.0	31.3	31.5	31.1
Percent with dependents.....	28.0	32.1	54.5	53.7	35.1	43.5	41.7	44.3	46.6	44.4	44.6	48.4	49.0	46.9
Percent receiving sources of support: percent ^{3,4}														
Personal.....	33.3	23.1	41.2	47.5	21.7	33.8	43.5	33.3	48.5	40.2	34.1	35.5	33.6	39.7
Foreign government.....	0.0	0.0	0.0	0.0	2.2	3.1	3.2	2.2	1.0	0.9	2.4	0.5	0.4	1.3
University.....	95.8	96.2	90.2	100.0	97.8	95.4	95.2	95.6	89.9	97.2	96.8	97.3	95.0	95.8
Teaching assistant.....	62.5	53.8	58.8	64.4	67.4	70.8	66.1	60.0	62.6	65.4	71.4	64.5	65.6	68.5
Research assistant.....	79.2	73.1	70.6	66.1	69.6	81.5	66.1	64.4	70.7	65.4	73.0	74.7	71.8	74.9
Other university.....	29.2	19.2	21.6	30.5	32.6	23.1	19.4	30.0	17.2	25.2	20.6	18.8	18.7	33.6
Other.....	20.8	26.9	13.7	8.5	13.0	18.5	14.5	14.4	13.1	15.9	10.3	10.8	10.0	13.5
Unknown.....	0.0	0.0	5.9	0.0	2.2	3.1	3.2	4.4	6.1	0.9	1.6	1.1	4.6	4.0
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.8	8.8	8.9	8.2	7.4	8.3	8.9	9.0	8.6	9.0	9.1	8.5	7.8	7.8
Registered time: in years.....	4.4	5.7	6.2	5.8	5.0	5.4	6.0	5.9	6.7	5.6	6.1	5.8	5.8	5.7
Sciences & Engineering: percent.....	96.0	92.9	92.7	88.1	80.7	94.2	86.1	84.9	85.3	86.3	85.1	85.7	92.3	87.3
Physical Sciences.....	41.7	19.2	33.3	27.1	34.8	33.8	17.7	14.4	18.2	20.6	15.9	22.6	24.9	25.9
Earth, Atmospheric, and Ocean sciences.....	0.0	0.0	2.0	0.0	2.2	3.1		1.1	1.0	3.7	2.4	3.2	2.1	3.7
Mathematics.....	4.2	19.2	17.6	22.0	32.6	16.9	16.1	31.1	19.2	27.1	28.6	23.7	22.0	23.3
Computer/Information sciences.....	0.0	7.7	3.9	3.4	0.0	9.2	8.1	5.6	7.1	4.7	5.6	5.9	3.3	2.6
Engineering.....	33.3	34.6	29.4	39.0	15.2	29.2	37.1	26.7	29.3	17.8	28.6	26.3	27.4	24.1
Biological sciences.....	8.3	19.2	7.8	1.7	8.7	4.6	6.5	8.9	11.1	10.3	11.1	10.8	11.2	10.6
Agricultural sciences.....	0.0	0.0	3.9	0.0	0.0	0.0	1.6	3.3	2.0	3.7	3.2	2.2	1.2	1.1
Psychology and social sciences....	12.5	0.0	2.0	6.8	6.5	3.1	12.9	8.9	12.1	12.2	4.8	5.4	7.9	8.7
Non-sciences and Engineering: percent.....	4.0	7.1	7.3	11.9	19.3	5.8	13.9	15.1	14.7	13.7	14.9	14.3	7.7	12.7
Humanities.....	100.0	50.0	25.0	75.0	81.8	100.0	70.0	50.0	76.5	88.2	59.1	71.0	70.0	56.4
Education.....	0.0	0.0	25.0	25.0	9.1	0.0	10.0	18.8	5.9	5.9	9.1	9.7	5.0	10.9
Health sciences.....	0.0	0.0	0.0	0.0	9.1	0.0	0.0	6.3	5.9	0.0	4.5	6.5	0.0	5.5
Professional and other fields.....	0.0	50.0	50.0	0.0	0.0	0.0	20.0	25.0	11.8	5.9	27.3	12.9	25.0	27.3
Planned location after Ph.D.³														
Number with permanent visas:.....	9	5	7	17	9	8	16	19	16	20	24	42	52	80
U. S. total: percent.....	100.0	100.0	85.7	58.8	55.6	50.0	62.5	52.6	81.3	85.0	100.0	95.2	88.5	90.0
Study.....	55.6	80.0	50.0	30.0	80.0	50.0	40.0	70.0	46.2	52.9	58.3	45.0	34.8	47.2
Employment.....	44.4	20.0	50.0	70.0	20.0	50.0	60.0	30.0	53.8	41.2	41.7	47.5	63.0	48.6
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	7.5	2.2	4.2
Non-U.S.....	0.0	0.0	0.0	0.0	0.0	12.5	6.3	5.3	6.3	10.0	0.0	4.8	5.8	7.5
Unknown location.....	0.0	0.0	14.3	41.2	44.4	37.5	31.3	42.1	12.5	5.0	0.0	0.0	5.8	2.5

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Statistical profile of doctorate recipients from Eastern Europe¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	15	21	44	42	37	57	46	71	83	87	102	144	189	298
U. S. total: percent.....	20.0	33.3	61.4	64.3	56.8	52.6	50.0	53.5	62.7	75.9	71.6	70.8	72.0	75.5
Study.....	100.0	57.1	66.7	63.0	76.2	43.3	73.9	60.5	50.0	48.5	64.4	61.8	53.7	64.0
Employment.....	0.0	42.9	33.3	37.0	23.8	56.7	26.1	39.5	50.0	50.0	34.2	38.2	44.1	34.2
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.4	0.0	2.2	1.8
Non-U.S.....	46.7	57.1	22.7	23.8	21.6	29.8	32.6	18.3	21.7	19.5	22.5	25.7	22.8	17.1
Unknown location.....	33.3	9.5	15.9	11.9	21.6	17.5	17.4	28.2	15.7	4.6	5.9	3.5	5.3	7.4
Number planning location in the United States after Ph.D. ³ :	12	12	33	37	26	34	33	48	65	83	97	142	182	297
Percent with definite postdoctoral study ⁵	50.0	66.7	48.5	43.2	69.2	38.2	54.5	43.8	33.8	30.1	45.4	39.4	33.0	43.4
Percent with definite employment ⁵	33.3	25.0	33.3	37.8	23.1	52.9	33.3	29.2	33.8	37.3	20.6	28.9	30.2	27.6
Percent seeking postdoctoral study ⁵	16.7	0.0	15.2	10.8	7.7	5.9	9.1	18.8	15.4	19.3	17.5	17.6	15.9	16.5
Percent seeking employment ⁵	0.0	8.3	3.0	8.1	0.0	2.9	3.0	8.3	16.9	10.8	15.5	12.0	18.7	10.1
Percent with postdoctoral plans unknown ⁵	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.0	2.1	2.2	2.4
Number with definite employment plans in United States after Ph.D.:	4	3	11	14	6	18	11	14	22	31	20	41	55	82
Primary work activity ³ : percent.....	D	D	54.5	64.3	83.3	61.1	72.7	64.3	59.1	54.8	55.0	70.7	61.8	64.6
R&D.....	D	D	36.4	21.4	16.7	33.3	9.1	21.4	22.7	35.5	30.0	12.2	21.8	20.7
Teaching.....	D	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Administrative.....	D	D	0.0	0.0	0.0	5.6	0.0	7.1	0.0	0.0	0.0	4.9	7.3	4.9
Professional services.....	D	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.8	6.1
Other.....	D	D	0.0	0.0	0.0	0.0	0.0	4.5	3.2	0.0	0.0	0.0	0.0	0.0
Unknown.....	D	D	9.1	14.3	0.0	0.0	18.2	7.1	13.6	6.5	15.0	9.8	7.3	2.4
Type of employer: percent ³	D	D	81.8	57.1	66.7	77.8	81.8	50.0	59.1	67.7	65.0	43.9	50.9	35.4
Educational institution ⁶	D	D	18.2	35.7	33.3	16.7	18.2	35.7	18.2	29.0	35.0	51.2	47.3	56.1
Industry/business.....	D	D	0.0	7.1	0.0	5.6	0.0	7.1	0.0	0.0	0.0	0.0	1.8	4.9
Government.....	D	D	0.0	0.0	0.0	0.0	0.0	7.1	9.1	3.2	0.0	4.9	0.0	2.4
Nonprofit.....	D	D	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0
Other and unknown.....	D	D	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	1.2

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes Albania, Bulgaria, Czechoslovakia, Czech Republic, Slovakia, Hungary, Poland, Romania, U.S.S.R., Russia, Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Moldova, Tadzhikistan, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia, Bosnia-Herzegovina, Croatia, Macedonia, Serbia-Montenegro, and unspecified Eastern European countries.

² This table includes all citizens of Eastern European countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

³ Sciences and engineering Ph.D.s only.

⁴ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁵ Includes only those Ph.D. recipients intending to remain in the United States after graduation.

⁶ Includes 2-year and 4-year colleges and universities, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-18. Statistical profile of doctorate recipients from France, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s ¹	67	32	46	50	69	78	70	94	107	116	136	132	117	101
Percent men.....	76.1	68.8	65.2	62.0	59.4	62.8	60.0	58.5	61.7	62.1	66.9	60.6	67.5	60.4
Percent women.....	23.9	31.3	34.8	38.0	40.6	37.2	40.0	41.5	38.3	37.9	33.1	39.4	32.5	39.6
Percent with permanent visa.....	23.9	37.5	41.3	22.0	39.1	26.9	38.6	30.9	31.8	25.9	31.6	26.5	23.1	34.7
Percent with temporary visa.....	76.1	62.5	58.7	78.0	60.9	73.1	61.4	69.1	68.2	74.1	68.4	73.5	76.9	65.3
Percent married.....	68.7	78.1	58.7	38.0	47.8	52.6	47.1	39.4	47.7	36.2	41.2	43.2	38.5	39.6
Percent not married.....	31.3	21.9	39.1	56.0	49.3	43.6	48.6	53.2	43.9	56.0	57.4	53.0	56.4	58.4
Percent unknown.....	0.0	0.0	2.2	6.0	2.9	3.8	4.3	7.4	8.4	7.8	1.5	3.8	5.1	2.0
Median age at Ph.D. in years ²	28.4	31.7	28.3	28.3	28.7	28.7	29.1	28.9	29.5	28.8	28.8	29.1	28.7	29.3
Percent with dependents.....	38.8	56.3	41.3	24.0	34.8	37.2	27.1	28.7	34.6	23.3	30.1	26.5	19.7	24.8
Percent receiving sources of support: percent ^{2,3}														
Personal.....	38.6	37.5	50.0	55.9	56.3	56.6	45.1	60.0	52.2	46.8	50.5	56.3	41.0	70.6
Foreign government.....	0.0	0.0	0.0	0.0	6.3	17.0	13.7	18.5	10.4	11.7	14.0	10.4	9.6	14.7
University.....	86.4	100.0	82.1	88.2	87.5	90.6	88.2	81.5	88.1	85.7	92.5	87.5	90.4	89.7
Teaching assistant.....	61.4	43.8	42.9	47.1	41.7	52.8	54.9	50.8	52.2	50.6	59.1	49.0	51.8	52.9
Research assistant.....	47.7	81.3	75.0	82.4	75.0	71.7	72.5	58.5	64.2	64.9	78.5	72.9	75.9	76.5
Other university.....	29.5	37.5	7.1	17.6	20.8	22.6	27.5	21.5	17.9	16.9	12.9	14.6	18.1	25.0
Other.....	56.8	25.0	35.7	32.4	14.6	15.1	15.7	23.1	16.4	27.3	20.4	17.7	18.1	23.5
Unknown.....	0.0	0.0	10.7	2.9	2.1	5.7	5.9	6.2	4.5	5.2	0.0	2.1	4.8	2.9
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.0	9.0	8.2	6.7	7.4	7.5	6.7	6.8	7.8	8.0	7.5	7.2	7.5	7.3
Registered time: in years.....	5.0	5.4	6.9	6.0	5.8	6.3	5.5	6.1	5.9	6.7	6.2	6.8	6.0	6.5
Sciences & Engineering: percent.....	65.7	50.0	60.9	68.0	69.6	67.9	72.9	69.1	62.6	66.4	68.4	72.7	70.9	67.3
Physical sciences.....	9.1	12.5	25.0	17.6	27.1	7.5	17.6	12.3	19.4	26.0	31.2	30.2	26.5	14.7
Earth, Atmospheric, and Ocean sciences.....	6.8	6.3	7.1	8.8	0.0	7.5	5.9	4.6	6.0	2.6	3.2	2.1	4.8	2.9
Mathematics.....	11.4	6.3	0.0	5.9	12.5	11.3	3.9	10.8	4.5	3.9	3.2	2.1	3.6	0.0
Computer/Information sciences.....	0.0	0.0	0.0	2.9	0.0	3.8	0.0	6.2	6.0	10.4	1.1	3.1	7.2	2.9
Engineering.....	34.1	37.5	39.3	38.2	33.3	41.5	35.3	41.5	28.4	32.5	34.4	33.3	28.9	36.8
Biological sciences.....	2.3	0.0	7.1	5.9	6.3	7.5	19.6	6.2	17.9	7.8	10.8	11.5	12.0	14.7
Agricultural sciences.....	0.0	0.0	7.1	5.9	0.0	1.9	3.9	1.5	1.5	1.3	3.2	6.3	2.4	11.8
Psychology and social sciences....	36.4	37.5	14.3	14.7	20.8	18.9	13.7	16.9	16.4	15.6	12.9	11.5	14.5	16.2
Non-sciences and Engineering: percent.....	34.3	50.0	39.1	32.0	30.4	32.1	27.1	30.9	37.4	33.6	31.6	27.3	29.1	32.7
Humanities.....	60.9	50.0	72.2	75.0	90.5	68.0	100.0	79.3	75.0	71.8	76.7	86.1	85.3	93.9
Education.....	0.0	12.5	5.6	0.0	0.0	0.0	0.0	6.9	5.0	12.8	4.7	8.3	5.9	0.0
Health sciences.....	0.0	0.0	11.1	12.5	4.8	4.0	0.0	6.9	5.0	5.1	9.3	2.8	2.9	3.0
Professional and other fields.....	39.1	37.5	11.1	12.5	4.8	28.0	0.0	6.9	15.0	10.3	9.3	2.8	5.9	3.0
Planned location after Ph.D. ²														
Number with permanent visas:.....	5	5	7	6	11	11	14	15	12	10	19	16	15	16
U. S. total: percent.....	D	D	57.1	50.0	45.5	72.7	50.0	66.7	83.3	80.0	47.4	87.5	73.3	81.3
Study.....	D	D	25.0	33.3	20.0	37.5	57.1	50.0	30.0	37.5	44.4	28.6	54.5	23.1
Employment.....	D	D	75.0	66.7	80.0	62.5	42.9	50.0	70.0	62.5	55.6	71.4	45.5	76.9
Unknown.....	D	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-U.S.....	D	D	14.3	0.0	0.0	9.1	14.3	20.0	16.7	10.0	47.4	12.5	20.0	18.8
Unknown location.....	D	D	28.6	50.0	54.5	18.2	35.7	13.3	0.0	10.0	5.3	0.0	6.7	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Statistical profile of doctorate recipients from France, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	39	11	21	28	37	42	37	50	55	67	74	80	68	52
U. S. total: Percent.....	10.3	36.4	28.6	35.7	40.5	31.0	37.8	30.0	32.7	34.3	27.0	46.3	39.7	34.6
Study.....	75.0	0.0	83.3	40.0	26.7	38.5	64.3	40.0	55.6	39.1	50.0	43.2	66.7	50.0
Employment.....	25.0	100.0	16.7	60.0	66.7	61.5	35.7	60.0	44.4	60.9	45.0	54.1	29.6	44.4
Unknown.....	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	5.0	2.7	3.7	5.6
Non-U.S.....	61.5	54.5	28.6	25.0	16.2	19.0	27.0	44.0	52.7	53.7	68.9	51.3	50.0	61.5
Unknown location.....	28.2	9.1	42.9	39.3	43.2	50.0	35.1	26.0	14.5	11.9	4.1	2.5	10.3	3.8
Number planning location in the United States														
after Ph.D. ² :	8	9	10	13	20	21	21	25	28	31	29	51	38	31
Percent with definite postdoctoral study ⁴ :	25.0	11.1	60.0	23.1	25.0	23.8	47.6	28.0	28.6	22.6	37.9	21.6	42.1	32.3
Percent with definite employment ⁴ :	50.0	88.9	40.0	53.8	60.0	52.4	28.6	36.0	46.4	41.9	20.7	37.3	18.4	38.7
Percent seeking postdoctoral study ⁴ :	25.0	0.0	0.0	15.4	0.0	14.3	14.3	16.0	17.9	16.1	10.3	17.6	21.1	6.5
Percent seeking employment ⁴ :	0.0	0.0	0.0	7.7	10.0	9.5	9.5	20.0	7.1	19.4	27.6	21.6	15.8	19.4
Percent with postdoctoral plans unknown ⁴ :	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.4	2.0	2.6	3.2
Number with definite employment plans in United States														
after Ph.D.:	4	8	4	7	12	11	6	9	13	13	6	19	7	12
Primary work activity ² : percent.....	D	87.5	D	28.6	58.3	63.6	66.7	44.4	69.2	61.5	50.0	63.2	85.7	66.7
R&D.....	D	0.0	D	57.1	8.3	36.4	16.7	33.3	7.7	38.5	16.7	26.3	14.3	16.7
Teaching.....	D	0.0	D	0.0	8.3	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administrative.....	D	0.0	D	14.3	8.3	0.0	0.0	11.1	7.7	0.0	33.3	5.3	0.0	8.3
Professional services.....	D	0.0	D	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
Other.....	D	0.0	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unknown.....	D	12.5	D	0.0	0.0	0.0	0.0	11.1	15.4	0.0	0.0	5.3	0.0	0.0
Type of employer: percent ²														
Educational institution ⁵ :	D	25.0	D	85.7	25.0	90.9	66.7	33.3	23.1	46.2	33.3	42.1	14.3	25.0
Industry/business.....	D	75.0	D	14.3	50.0	9.1	16.7	55.6	46.2	46.2	50.0	52.6	57.1	66.7
Government.....	D	0.0	D	0.0	8.3	0.0	16.7	11.1	0.0	7.7	16.7	0.0	28.6	8.3
Nonprofit.....	D	0.0	D	0.0	8.3	0.0	0.0	0.0	7.7	0.0	0.0	5.3	0.0	0.0
Other and unknown.....	D	0.0	D	0.0	8.3	0.0	0.0	23.1	0.0	0.0	0.0	0.0	0.0	0.0

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of Eastern European countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-19. Statistical profile of doctorate recipients from Germany¹, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	74	51	80	94	109	109	139	169	181	189	250	257	306	245
Percent men.....	68.9	54.9	50.0	67.0	62.4	66.1	66.9	68.0	67.4	63.0	66.4	65.8	65.0	63.3
Percent women.....	31.1	45.1	50.0	33.0	37.6	33.9	33.1	32.0	32.6	37.0	33.6	34.2	35.0	36.7
Percent with permanent visa.....	43.2	54.9	45.0	41.5	40.4	36.7	30.9	38.5	29.8	34.4	34.4	33.5	31.4	31.4
Percent with temporary visa.....	56.8	45.1	55.0	58.5	59.6	63.3	69.1	61.5	70.2	65.6	65.6	66.5	68.6	68.6
Percent married.....	62.2	54.9	48.8	51.1	45.9	44.0	37.4	46.7	39.8	40.2	39.2	38.1	37.6	35.1
Percent not married.....	36.5	45.1	47.5	43.6	45.9	53.2	61.9	47.3	53.6	52.9	54.0	56.8	55.9	58.4
Percent unknown.....	1.4	0.0	3.8	5.3	8.3	2.8	0.7	5.9	6.6	6.9	6.8	5.1	6.5	6.5
Median age at Ph.D. in years ³	31.6	31.3	30.5	30.3	30.2	30.3	30.6	30.3	30.3	31.0	30.8	31.0	30.7	31.5
Percent with dependents.....	28.4	31.4	26.3	27.7	27.5	24.8	18.7	27.2	21.0	22.8	25.6	21.4	19.3	22.9
Percent receiving sources of support: percent ^{3,4}														
Personal.....	39.0	70.4	71.4	58.1	60.8	61.5	67.6	54.5	55.9	62.9	63.4	54.6	57.7	68.8
Foreign government.....	0.0	0.0	0.0	0.0	8.1	16.7	13.7	11.4	15.3	11.3	20.7	12.8	12.5	11.2
University.....	82.9	85.2	95.9	88.7	81.1	96.2	95.1	91.9	86.4	92.7	95.1	91.3	94.2	95.3
Teaching assistant.....	53.7	44.4	59.2	48.4	62.2	62.8	66.7	58.5	52.5	54.8	59.8	62.8	53.4	66.5
Research assistant.....	56.1	48.1	61.2	72.6	59.5	74.4	71.6	68.3	65.3	71.8	75.0	66.8	73.1	75.9
Other university.....	48.8	18.5	36.7	22.6	24.3	25.6	33.3	26.8	20.3	23.4	24.4	19.9	21.6	42.9
Other.....	39.0	37.0	18.4	27.4	18.9	23.1	17.6	16.3	20.3	23.4	22.0	21.4	15.9	23.5
Unknown.....	4.9	0.0	2.0	1.6	6.8	0.0	1.0	4.9	4.2	4.0	1.8	4.1	2.9	3.5
Median years from baccalaureate to Ph.D.														
Total time: in years.....	8.8	7.9	7.1	6.9	7.3	6.6	6.5	7.0	7.0	7.6	7.1	7.1	7.2	7.6
Registered time: in years.....	5.2	6.0	6.0	6.0	6.0	5.8	5.9	6.7	6.0	6.8	6.4	6.5	6.4	6.6
Sciences & Engineering: percent.....	55.4	52.9	61.3	66.0	67.9	71.6	73.4	72.8	65.2	65.6	65.6	76.3	68.0	69.4
Physical Sciences.....	9.8	18.5	8.2	25.8	29.7	21.8	23.5	26.0	29.7	24.2	20.7	19.9	20.7	19.4
Earth, Atmospheric, and Ocean sciences.....	2.4	0.0	4.1	3.2	4.1	9.0	7.8	6.5	0.8	7.3	3.7	5.6	4.8	5.3
Mathematics.....	12.2	3.7	12.2	11.3	16.2	11.5	11.8	11.4	5.1	8.1	11.0	7.7	8.7	12.4
Computer/Information sciences.....	0.0	11.1	2.0	4.8	2.7	7.7	3.9	4.1	10.2	7.3	4.9	4.1	7.7	4.7
Engineering.....	17.1	18.5	14.3	16.1	9.5	14.1	16.7	12.2	6.8	14.5	14.0	14.8	17.8	9.4
Biological sciences.....	14.6	22.2	24.5	14.5	9.5	12.8	9.8	12.2	21.2	12.1	18.9	19.9	17.3	22.9
Agricultural sciences.....	2.4	0.0	0.0	3.2	1.4	0.0	2.0	1.6	2.5	4.0	1.8	1.5	2.9	1.8
Psychology and social sciences....	41.5	25.9	34.7	21.0	27.0	23.1	24.5	26.0	23.7	22.6	25.0	26.5	20.2	24.1
Non-sciences and Engineering: percent.....	44.6	47.1	38.8	34.0	32.1	28.4	26.6	27.2	34.8	34.4	34.4	23.7	32.0	30.6
Humanities.....	57.6	62.5	61.3	75.0	82.9	77.4	83.8	80.4	74.6	80.0	80.2	80.3	75.5	60.0
Education.....	18.2	16.7	22.6	9.4	2.9	9.7	8.1	6.5	11.1	3.1	7.0	8.2	5.1	14.7
Health sciences.....	3.0	4.2	0.0	0.0	2.9	3.2	2.7	0.0	4.8	1.5	2.3	4.9	6.1	9.3
Professional and other fields.....	21.2	16.7	16.1	15.6	11.4	9.7	5.4	13.0	9.5	15.4	10.5	6.6	13.3	16.0
Planned location after Ph.D.³														
Number with permanent visas:.....	12	11	19	22	29	22	24	38	25	39	45	62	53	51
U. S. total: percent.....	58.3	36.4	63.2	63.6	58.6	54.5	62.5	81.6	80.0	82.1	80.0	82.3	86.8	82.4
Study.....	28.6	25.0	58.3	64.3	47.1	58.3	26.7	32.3	25.0	31.3	36.1	39.2	50.0	45.2
Employment.....	71.4	75.0	41.7	35.7	52.9	41.7	73.3	67.7	75.0	65.6	58.3	60.8	47.8	50.0
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	5.6	0.0	2.2	4.8
Non-U.S.....	8.3	18.2	5.3	4.5	20.7	4.5	4.2	7.9	4.0	17.9	20.0	16.1	13.2	13.7
Unknown location.....	33.3	45.5	31.6	31.8	20.7	40.9	33.3	10.5	16.0	0.0	0.0	1.6	0.0	3.9

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Statistical profile of doctorate recipients from Germany¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	29	16	30	40	45	56	78	85	93	85	119	134	155	119
U. S. total: percent.....	37.9	43.8	43.3	35.0	46.7	41.1	43.6	32.9	50.5	41.2	42.0	54.5	50.3	51.3
Study.....	27.3	57.1	61.5	50.0	52.4	65.2	58.8	50.0	61.7	60.0	52.0	61.6	57.7	62.3
Employment.....	72.7	42.9	38.5	50.0	47.6	34.8	41.2	50.0	38.3	37.1	48.0	35.6	41.0	34.4
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	2.7	1.3	3.3
Non-U.S.	41.4	18.8	20.0	32.5	24.4	28.6	34.6	42.4	37.6	51.8	55.5	40.3	44.5	43.7
Unknown location.....	20.7	37.5	36.7	32.5	28.9	30.4	21.8	24.7	11.8	7.1	2.5	5.2	5.2	5.0
Number planning location in the United States after Ph.D. ³ :	18	11	25	28	38	35	49	59	67	67	86	124	124	103
Percent with definite postdoctoral study ⁵	22.2	36.4	48.0	46.4	50.0	45.7	44.9	28.8	44.8	35.8	33.7	41.1	39.5	45.6
Percent with definite employment ^b	61.1	45.5	40.0	32.1	42.1	34.3	49.0	49.2	31.3	29.9	30.2	33.9	26.6	27.2
Percent seeking postdoctoral study ⁵	5.6	9.1	12.0	10.7	0.0	17.1	4.1	11.9	6.0	10.4	11.6	11.3	15.3	9.7
Percent seeking employment ⁵	11.1	9.1	0.0	10.7	7.9	2.9	2.0	10.2	17.9	20.9	22.1	12.1	16.9	13.6
Percent with postdoctoral plans unknown ⁵	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.3	1.6	1.6	3.9
Number with definite employment plans in United States after Ph.D.:	11	5	10	9	16	12	24	29	21	20	26	42	33	28
Primary work activity ³ : percent.....														
R&D.....	72.7	D	60.0	55.6	31.3	41.7	50.0	44.8	61.9	50.0	61.5	54.8	60.6	64.3
Teaching.....	0.0	D	30.0	33.3	25.0	41.7	33.3	34.5	9.5	35.0	26.9	26.2	27.3	17.9
Administrative.....	0.0	D	0.0	0.0	12.5	0.0	8.3	3.4	4.8	0.0	0.0	0.0	0.0	0.0
Professional services.....	0.0	D	0.0	11.1	6.3	16.7	8.3	6.9	4.8	0.0	0.0	14.3	6.1	10.7
Other.....	9.1	D	0.0	0.0	6.3	0.0	0.0	0.0	0.0	5.0	3.8	2.4	3.0	3.6
Unknown.....	18.2	D	10.0	0.0	18.8	0.0	0.0	10.3	19.0	10.0	7.7	2.4	3.0	3.6
Type of employer: percent ³														
Educational institution ⁶	27.3	D	50.0	77.8	37.5	50.0	62.5	75.9	57.1	75.0	53.8	54.8	60.6	57.1
Industry/business.....	54.5	D	20.0	11.1	43.8	25.0	33.3	20.7	33.3	20.0	26.9	31.0	24.2	35.7
Government.....	0.0	D	0.0	11.1	6.3	8.3	0.0	3.4	0.0	5.0	3.8	4.8	6.1	3.6
Nonprofit.....	0.0	D	10.0	0.0	6.3	16.7	0.0	0.0	9.5	0.0	3.8	2.4	3.0	0.0
Other and unknown.....	18.2	D	20.0	0.0	6.3	0.0	4.2	0.0	0.0	0.0	11.5	7.1	6.1	3.6

D = data withheld to avoid potential disclosure of confidential information.

¹ Includes East Germany, West Germany, and the united Germany.² This table includes all citizens of Germany who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ Sciences and engineering Ph.D.s only.⁴ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁵ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁶ Includes 2-year and 4-year colleges and universities, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.

Table B-20. Statistical profile of doctorate recipients from Greece, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	60	72	80	111	130	130	146	137	185	168	199	188	197	149
Percent men.....	91.7	81.9	90.0	89.2	89.2	82.3	82.2	83.2	81.6	78.6	80.4	78.7	76.7	78.5
Percent women.....	8.3	18.1	10.0	10.8	10.8	17.7	17.8	16.8	18.4	21.4	19.6	21.3	23.4	21.5
Percent with permanent visa.....	38.3	20.8	31.3	25.2	24.6	20.0	19.2	20.4	17.8	11.9	17.6	12.8	15.2	18.1
Percent with temporary visa.....	61.7	79.2	68.8	74.8	75.4	80.0	80.8	79.6	82.2	88.1	82.4	87.2	84.8	81.9
Percent married.....	61.7	36.1	48.8	42.3	43.1	44.6	39.7	35.8	40.0	34.5	39.7	34.6	28.4	28.2
Percent not married.....	36.7	62.5	51.3	54.1	53.1	53.8	57.5	57.7	49.2	61.3	55.8	60.1	61.9	63.1
Percent unknown.....	1.7	1.4	0.0	3.6	3.8	1.5	2.7	6.6	10.8	4.2	4.5	5.3	9.6	8.7
Median age at Ph.D. in years ²	31.0	29.8	29.6	28.7	29.2	29.3	29.4	29.8	29.9	29.5	29.4	29.7	29.7	29.2
Percent with dependents.....	45.0	27.8	36.3	27.0	30.0	32.3	22.6	22.6	24.3	19.6	18.6	18.1	11.7	13.4
Percent receiving sources of support: percent ^{2,3}														
Personal.....	41.2	34.9	53.6	57.3	56.9	45.8	60.6	59.2	55.0	53.0	47.1	48.5	56.9	60.0
Foreign government.....	0.0	0.0	0.0	0.0	0.8	4.2	1.5	4.0	1.2	2.0	4.0	3.0	2.3	3.8
University.....	88.2	88.9	95.7	96.1	96.7	97.5	97.8	93.6	91.7	98.7	96.6	94.0	96.6	95.4
Teaching assistant.....	66.7	55.6	58.0	60.2	65.0	58.5	67.2	60.8	63.9	73.2	59.8	56.9	70.7	69.2
Research assistant.....	62.7	65.1	72.5	78.6	80.5	75.4	80.3	73.6	71.0	75.8	77.6	76.0	79.9	87.7
Other university.....	29.4	31.7	30.4	31.1	26.8	16.9	23.4	21.6	20.7	26.8	20.7	24.0	20.1	39.2
Other.....	25.5	20.6	15.9	10.7	2.4	6.8	9.5	9.6	7.1	12.8	13.2	9.6	8.0	16.9
Unknown.....	3.9	4.8	1.4	1.9	1.6	2.5	1.5	2.4	5.9	0.7	2.9	4.2	2.3	3.8
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.3	6.9	7.2	5.9	6.2	6.3	6.3	6.6	6.8	6.8	6.8	6.6	6.9	6.5
Registered time: in years.....	5.0	5.5	5.5	5.1	5.5	5.5	5.7	5.9	5.9	5.9	5.9	5.9	6.0	6.1
Sciences & Engineering: percent.....	85.0	87.5	86.3	92.8	94.6	90.8	93.8	91.2	91.4	88.7	87.4	88.8	88.3	87.2
Physical Sciences.....	23.5	20.6	13.0	18.4	14.6	16.9	14.6	13.6	15.4	19.5	19.0	18.6	20.7	22.3
Earth, Atmospheric, and Ocean sciences.....	3.9	0.0	0.0	1.9	0.8	2.5	1.5	0.0	1.2	0.7	3.4	3.0	0.0	0.0
Mathematics.....	3.9	6.3	11.6	7.8	8.9	5.9	9.5	7.2	7.1	8.7	7.5	9.0	7.5	9.2
Computer/Information sciences.....	0.0	0.0	2.9	2.9	4.9	1.7	1.5	5.6	8.3	6.0	4.6	9.0	11.5	6.9
Engineering.....	29.4	34.9	43.5	47.6	49.6	49.2	51.1	45.6	41.4	39.6	39.1	34.7	35.1	34.6
Biological sciences.....	7.8	12.7	7.2	8.7	4.1	9.3	6.6	8.0	7.1	8.7	8.0	7.8	8.6	8.5
Agricultural sciences.....	9.8	6.3	2.9	0.0	2.4	3.4	0.7	5.6	1.8	0.7	1.7	3.0	1.7	1.5
Psychology and social sciences....	21.6	19.0	18.8	12.6	14.6	11.0	14.6	14.4	17.8	16.1	16.7	15.0	14.9	16.9
Non-sciences and														
Engineering: percent.....	15.0	12.5	13.8	7.2	5.4	9.2	6.2	8.8	8.6	11.3	12.6	11.2	11.7	12.8
Humanities.....	33.3	33.3	45.5	25.0	28.6	41.7	66.7	58.3	37.5	47.4	24.0	28.6	21.7	36.8
Education.....	33.3	33.3	27.3	25.0	28.6	25.0	11.1	16.7	18.8	26.3	28.0	9.5	21.7	5.3
Health sciences.....	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	25.0	5.3	12.0	9.5	21.7	21.1
Professional and other fields.....	33.3	33.3	27.3	50.0	42.9	25.0	22.2	25.0	18.8	21.1	36.0	52.4	34.8	36.8
Planned location after Ph.D.²														
Number with permanent visas:.....	17	12	22	24	30	21	25	24	29	14	30	18	21	22
U. S. total: percent.....	47.1	83.3	63.6	66.7	73.3	52.4	72.0	66.7	82.8	92.9	80.0	77.8	85.7	77.3
Study.....	50.0	20.0	7.1	18.8	40.9	36.4	33.3	43.8	29.2	61.5	37.5	42.9	44.4	29.4
Employment.....	50.0	80.0	85.7	81.3	59.1	63.6	66.7	50.0	66.7	38.5	62.5	57.1	55.6	64.7
Unknown.....	0.0	0.0	7.1	0.0	0.0	0.0	0.0	6.3	4.2	0.0	0.0	0.0	0.0	5.9
Non-U.S.....	5.9	0.0	4.5	12.5	0.0	0.0	8.0	4.2	10.3	7.1	13.3	16.7	14.3	22.7
Unknown location.....	47.1	16.7	31.8	20.8	26.7	47.6	20.0	29.2	6.9	0.0	6.7	5.6	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Statistical profile of doctorate recipients from Greece, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	34	51	47	79	93	97	112	101	140	135	144	149	153	108
U. S. total: percent	29.4	33.3	46.8	51.9	45.2	57.7	33.9	48.5	47.1	51.1	53.5	40.9	52.3	54.6
Study	30.0	47.1	59.1	46.3	57.1	57.1	50.0	51.0	45.5	42.0	50.6	47.5	41.3	49.2
Employment	70.0	52.9	36.4	53.7	42.9	42.9	47.4	49.0	53.0	56.5	46.8	50.8	57.5	47.5
Unknown	0.0	0.0	4.5	0.0	0.0	0.0	2.6	0.0	1.5	1.4	2.6	1.6	1.3	3.4
Non-U.S.	35.3	25.5	25.5	17.7	16.1	7.2	24.1	32.7	32.9	43.7	36.8	52.3	41.8	42.6
Unknown location	35.3	41.2	27.7	30.4	38.7	35.1	42.0	18.8	20.0	5.2	9.7	6.7	5.9	2.8
Number planning location in the United States														
after Ph.D. ² :	18	27	36	57	64	67	56	65	90	82	101	75	98	76
Percent with definite postdoctoral study ⁴	22.2	29.6	30.6	28.1	46.9	40.3	41.1	35.4	26.7	29.3	31.7	34.7	23.5	32.9
Percent with definite employment ⁴	55.6	59.3	44.4	52.6	45.3	43.3	48.2	38.5	42.2	30.5	34.7	37.3	34.7	34.2
Percent seeking postdoctoral study ⁴	16.7	7.4	8.3	10.5	4.7	13.4	3.6	13.8	14.4	15.9	15.8	12.0	18.4	11.8
Percent seeking employment ⁴	5.6	3.7	11.1	8.8	3.1	3.0	5.4	10.8	14.4	23.2	15.8	14.7	22.4	17.1
Percent with postdoctoral plans unknown ⁴	0.0	0.0	5.6	0.0	0.0	0.0	1.8	1.5	2.2	1.2	2.0	1.3	1.0	3.9
Number with definite employment plans in United States														
after Ph.D.:	10	16	16	30	29	29	27	25	38	25	35	28	34	26
Primary work activity ² : percent														
R&D	60.0	50.0	43.8	53.3	69.0	34.5	63.0	60.0	55.3	64.0	57.1	50.0	76.5	53.8
Teaching	30.0	43.8	31.3	36.7	20.7	44.8	33.3	12.0	31.6	28.0	25.7	25.0	14.7	26.9
Administrative	0.0	0.0	6.3	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.8
Professional services	0.0	6.3	0.0	3.3	10.3	3.4	0.0	4.0	2.6	4.0	5.7	10.7	2.9	11.5
Other	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0
Unknown	10.0	0.0	18.8	6.7	0.0	10.3	3.7	20.0	10.5	4.0	11.4	7.1	5.9	3.8
Type of employer: percent ²														
Educational institution ⁵	60.0	81.3	62.5	63.3	75.9	79.3	74.1	40.0	63.2	52.0	51.4	42.9	50.0	42.3
Industry/business	30.0	12.5	25.0	36.7	20.7	20.7	22.2	56.0	36.8	48.0	40.0	53.6	47.1	50.0
Government	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.6	0.0	0.0	3.8
Nonprofit	0.0	0.0	6.3	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
Other and unknown	10.0	6.3	6.3	0.0	0.0	0.0	3.7	4.0	0.0	0.0	5.7	0.0	0.0	3.8

¹This table includes all citizens of Greece who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.²Sciences and engineering Ph.D.s only.³In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.

Table B-21. Statistical profile of doctorate recipients from India, by year of Ph.D.: 1975, 1980, 1985-96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	659	420	541	579	602	647	679	881	924	1,072	1,139	1,289	1,425	1,481
Percent men.....	92.1	90.0	88.4	86.2	84.6	87.0	82.9	82.9	81.3	79.6	79.3	78.0	77.2	78.6
Percent women.....	7.9	10.0	11.6	13.8	15.4	13.0	17.1	17.1	18.7	20.4	20.7	22.0	22.8	21.4
Percent with permanent visa.....	29.6	19.8	19.0	18.3	18.4	18.9	19.4	19.0	15.3	18.3	17.2	17.6	15.4	16.4
Percent with temporary visa.....	70.4	80.2	81.0	81.7	81.6	81.1	80.6	81.0	84.7	81.7	82.8	82.4	84.6	83.6
Percent married.....	60.7	45.7	50.3	54.9	52.8	50.9	52.3	54.4	51.4	53.5	50.7	47.5	48.0	52.7
Percent not married.....	38.4	53.3	47.5	40.6	43.5	45.1	44.9	39.8	39.9	38.3	40.9	43.3	42.9	41.5
Percent unknown.....	0.9	1.0	2.2	4.5	3.7	4.0	2.8	5.8	8.7	8.1	8.4	9.2	9.1	5.7
Median age at Ph.D. in years ²	29.8	29.2	29.7	29.8	29.7	29.7	29.6	29.8	29.8	29.7	29.8	29.6	29.7	29.7
Percent with dependents.....	46.3	41.0	41.4	44.2	41.4	41.3	40.2	43.2	38.6	38.3	35.7	33.1	34.0	35.3
Percent receiving sources of support: percent ^{2,3}														
Personal.....	34.7	28.0	28.2	29.4	27.2	30.2	32.3	31.4	27.4	29.0	28.7	28.1	25.9	39.4
Foreign government.....	0.0	0.0	0.0	0.0	1.0	1.0	1.1	0.6	1.1	0.6	0.9	0.7	0.7	1.2
University.....	91.4	94.3	95.0	97.0	95.8	96.3	96.6	94.5	93.1	95.7	95.8	93.4	93.4	94.9
Teaching assistant.....	52.1	59.8	59.2	67.6	69.2	64.0	61.9	61.2	63.0	66.3	67.2	65.1	59.3	68.4
Research assistant.....	72.2	74.4	72.5	74.0	73.6	78.8	80.2	78.2	75.1	78.6	78.2	75.9	78.5	83.9
Other university.....	22.2	22.4	19.4	19.8	19.9	21.2	21.8	19.7	17.4	17.4	20.5	16.6	17.6	26.2
Other.....	18.6	15.9	7.4	9.0	6.0	6.3	8.4	4.8	6.6	7.1	8.2	8.8	7.9	9.7
Unknown.....	2.2	1.1	2.8	0.6	2.2	1.7	2.1	3.8	5.6	2.9	2.8	5.1	5.5	4.1
Median years from baccalaureate to Ph.D.														
Total time: in years.....	9.3	8.5	8.6	9.0	8.8	8.8	8.5	8.5	8.1	8.3	8.4	8.4	8.4	8.3
Registered time: in years.....	6.2	6.3	6.4	6.6	6.6	6.7	6.9	6.8	6.6	6.8	6.9	6.9	6.9	6.9
Sciences & Engineering: percent.....	88.0	88.3	84.7	81.0	83.6	80.4	78.9	80.7	81.4	80.3	81.9	82.6	84.7	84.9
Physical Sciences.....	16.7	24.5	23.4	24.7	19.9	20.0	17.4	16.5	11.6	15.7	12.5	13.4	10.2	11.9
Earth, Atmospheric, and Ocean sciences.....	2.2	0.5	1.1	1.9	1.2	0.8	1.7	1.4	1.1	0.7	1.1	1.2	1.4	1.4
Mathematics.....	4.1	3.8	3.1	3.4	5.4	2.3	3.2	2.1	4.3	3.1	4.0	4.3	3.0	3.1
Computer/Information sciences.....	0.0	0.8	3.9	6.0	7.6	7.1	8.4	9.6	9.3	8.8	9.7	10.6	11.0	9.1
Engineering.....	50.2	49.6	46.3	43.5	40.6	49.0	46.8	44.2	47.5	47.0	48.0	45.1	47.4	49.1
Biological sciences.....	8.4	9.7	9.4	8.5	11.5	10.4	12.9	12.5	12.1	11.7	11.9	13.0	12.7	13.1
Agricultural sciences.....	7.8	2.4	2.8	2.6	1.2	2.1	1.5	2.8	2.1	2.3	1.8	2.0	3.1	2.1
Psychology and social sciences....	10.5	8.6	10.0	9.4	12.7	8.3	8.2	11.0	12.1	10.6	11.0	10.4	11.3	10.2
Non-sciences and Engineering: percent.....	12.0	11.7	15.3	19.0	16.4	19.6	21.1	19.3	18.6	19.7	18.1	17.4	15.3	15.1
Humanities.....	31.6	22.4	7.2	15.5	17.2	14.2	16.8	13.5	12.8	13.3	13.1	12.5	14.7	12.1
Education.....	21.5	30.6	13.3	5.5	9.1	14.2	4.9	8.2	6.4	12.8	8.7	7.1	9.6	9.9
Health sciences.....	17.7	10.2	13.3	13.6	14.1	8.7	16.8	15.3	11.0	14.7	15.1	21.4	17.4	17.5
Professional and other fields.....	29.1	36.7	66.3	65.5	59.6	63.0	61.5	62.9	69.8	59.2	63.1	58.9	58.3	60.5
Planned location after Ph.D.²														
Number with permanent visas:.....	162	63	74	70	87	84	94	119	108	148	142	173	168	199
U. S. total: percent.....	64.8	73.0	67.6	71.4	58.6	67.9	64.9	73.1	88.9	91.9	92.3	93.6	94.1	96.0
Study.....	28.6	28.3	30.0	34.0	29.4	31.6	39.3	43.7	30.2	41.9	35.1	31.5	36.1	34.0
Employment.....	70.5	71.7	70.0	64.0	70.6	68.4	60.7	56.3	67.7	55.2	60.3	64.8	60.1	63.4
Unknown.....	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.1	2.9	4.6	3.7	3.8	2.6
Non-U.S.....	3.1	0.0	0.0	4.3	2.3	1.2	1.1	0.8	5.6	5.4	4.9	2.9	1.8	1.5
Unknown location.....	32.1	27.0	32.4	24.3	39.1	31.0	34.0	26.1	5.6	2.7	2.8	3.5	4.2	2.5

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Statistical profile of doctorate recipients from India, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	418	308	384	399	416	436	442	592	644	713	791	892	1,039	1,059
U. S. total: percent	52.9	71.1	72.7	70.9	70.2	74.3	71.5	64.4	71.1	79.7	79.4	79.5	81.4	84.1
Study	47.1	49.3	55.2	53.4	52.4	54.0	52.8	42.3	39.7	42.8	42.8	45.1	44.7	39.8
Employment	52.0	49.8	44.8	45.6	46.6	45.7	45.6	57.0	59.2	55.3	54.9	52.3	53.8	59.4
Unknown	0.9	0.9	0.0	1.1	1.0	0.3	1.6	0.8	1.1	1.9	2.2	2.5	1.5	0.8
Non-U.S.	19.1	8.1	7.0	7.3	7.2	6.4	3.2	15.0	16.3	14.7	14.7	14.6	12.3	9.6
Unknown location	28.0	20.8	20.3	21.8	22.6	19.3	25.3	20.6	12.6	5.6	5.9	5.9	6.3	6.2
Number planning location in the United States after Ph.D. ² :	326	265	329	333	343	381	377	468	554	704	759	871	1,004	1,082
Percent with definite postdoctoral study ⁴	26.1	33.6	37.4	41.1	41.1	42.5	41.1	33.8	27.6	29.4	24.2	26.3	28.4	27.3
Percent with definite employment ⁴	52.1	46.0	41.6	43.5	46.4	44.1	43.8	45.7	45.8	39.6	36.5	35.0	34.4	42.1
Percent seeking postdoctoral study ⁴	15.0	12.1	14.0	9.3	7.9	8.1	9.5	8.8	10.5	13.2	17.3	16.3	14.9	11.6
Percent seeking employment ⁴	5.8	7.5	7.0	4.8	3.8	5.0	4.2	11.1	14.8	15.6	19.4	19.6	20.4	17.9
Percent with postdoctoral plans unknown ⁴	0.9	0.8	0.0	1.2	0.9	0.3	1.3	0.6	1.3	2.1	2.6	2.8	1.9	1.1
Number with definite employment plans in United States after Ph.D.:	170	122	137	145	159	168	165	214	254	279	277	305	345	456
Primary work activity ² : percent														
R&D	57.1	65.6	62.0	59.3	62.3	64.9	63.0	66.8	67.7	66.7	62.8	62.6	68.7	69.7
Teaching	21.2	21.3	24.8	29.7	27.7	21.4	22.4	16.8	15.4	14.7	14.8	14.8	11.3	9.9
Administrative	0.0	0.8	0.0	1.4	0.0	0.0	0.6	1.4	0.8	1.1	0.0	0.7	0.6	0.7
Professional services	7.1	4.1	5.1	3.4	4.4	4.2	4.8	2.8	4.7	7.5	6.9	5.9	6.1	13.4
Other	2.9	0.0	0.7	0.7	0.6	1.2	1.8	0.9	1.2	2.2	1.8	2.0	4.9	4.0
Unknown	11.8	8.2	7.3	5.5	5.0	8.3	7.3	11.2	10.2	7.9	13.7	14.1	8.4	2.4
Type of employer: percent ²														
Educational institution ⁵	27.6	32.0	44.5	46.9	54.7	47.0	46.1	41.1	35.0	31.5	32.5	28.2	22.0	15.8
Industry/business	62.4	59.8	47.4	47.6	41.5	48.2	49.1	54.2	59.1	62.4	59.2	63.9	70.4	79.2
Government	0.6	5.7	2.2	2.1	1.9	2.4	2.4	1.9	2.4	1.8	2.2	2.3	2.0	1.5
Nonprofit	7.1	2.5	3.7	1.4	1.3	0.6	2.4	1.9	1.6	2.5	3.6	3.3	2.6	2.0
Other and unknown	2.4	0.0	2.2	2.1	0.6	1.8	0.0	0.9	2.0	1.8	2.5	2.3	2.9	1.5

¹ This table includes all citizens of India who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.

Table B-22. Statistical profile of doctorate recipients from Italy, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	21	19	55	58	59	77	77	88	115	99	101	108	116	102
Percent men.....	81.0	94.7	80.0	70.7	67.8	71.4	66.2	69.3	61.7	67.7	58.4	62.0	69.0	62.7
Percent women.....	19.0	5.3	20.0	29.3	32.2	18.2	28.6	33.8	30.7	38.3	32.3	41.6	38.0	31.0
Percent with permanent visa.....	23.8	36.8	25.5	13.8	27.1	18.2	28.6	14.8	27.8	21.2	20.8	23.1	20.7	18.6
Percent with temporary visa.....	76.2	63.2	74.5	86.2	72.9	81.8	71.4	85.2	72.2	78.8	79.2	76.9	79.3	81.4
Percent married.....	71.4	73.7	47.3	44.8	47.5	33.8	45.5	37.5	47.8	40.4	41.6	41.7	37.1	35.3
Percent not married.....	23.8	26.3	49.1	51.7	50.8	64.9	51.9	58.0	47.8	49.5	49.5	50.0	55.2	60.8
Percent unknown.....	4.8	0.0	3.6	3.4	1.7	1.3	2.6	4.5	4.3	10.1	8.9	8.3	7.8	3.9
Median age at Ph.D. in years ²	30.4	32.0	31.4	30.2	30.8	31.0	31.7	30.4	31.1	31.8	31.1	32.3	30.7	32.1
Percent with dependents.....	47.6	47.4	29.1	27.6	25.4	18.2	26.0	21.6	24.3	25.3	22.8	25.0	23.3	24.5
Percent receiving sources of support: percent ^{2,3}														
Personal.....	21.4	40.0	51.1	55.1	54.3	52.4	57.1	50.8	52.3	49.3	53.9	61.4	50.6	55.8
Foreign government.....	0.0	0.0	0.0	0.0	15.2	22.2	17.9	23.8	18.6	19.2	21.1	32.5	22.2	29.9
University.....	92.9	80.0	91.1	95.9	93.5	88.9	96.4	88.9	87.2	91.8	86.8	94.0	93.8	94.8
Teaching assistant.....	42.9	20.0	51.1	61.2	52.2	55.6	66.1	46.0	53.5	68.5	63.2	63.9	67.9	70.1
Research assistant.....	64.3	53.3	48.9	67.3	71.7	65.1	66.1	66.7	58.1	63.0	59.2	57.8	55.6	71.4
Other university.....	28.6	40.0	37.8	30.6	34.8	27.0	33.9	23.8	27.9	23.3	22.4	28.9	23.5	44.2
Other.....	42.9	40.0	40.0	38.8	21.7	30.2	17.9	15.9	24.4	20.5	25.0	22.9	16.0	36.4
Unknown.....	0.0	0.0	6.7	2.0	2.2	3.2	0.0	1.6	2.3	2.7	5.3	3.6	3.7	1.3
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.0	7.6	8.7	6.8	6.8	7.2	7.4	7.1	7.1	7.5	7.1	7.4	7.5	7.5
Registered time: in years.....	4.8	5.8	5.4	5.2	5.0	5.3	5.3	5.8	5.6	6.4	5.7	6.1	5.8	5.9
Sciences & Engineering: percent.....	66.7	78.9	81.8	84.5	78.0	81.8	72.7	71.6	74.8	73.7	75.2	76.9	69.8	75.5
Physical Sciences.....	21.4	6.7	26.7	18.4	17.4	23.8	12.5	23.8	23.3	19.2	19.7	10.8	16.0	14.3
Earth, Atmospheric, and Ocean sciences.....	0.0	0.0	4.4	6.1	6.5	4.8	5.4	3.2	1.2	4.1	2.6	2.4	1.2	3.9
Mathematics.....	14.3	13.3	17.8	16.3	10.9	12.7	17.9	14.3	10.5	20.5	18.4	16.9	27.2	15.6
Computer/Information sciences.....	0.0	20.0	0.0	0.0	0.0	4.8	3.6	1.6	4.7	8.2	5.3	3.6	3.7	2.6
Engineering.....	14.3	13.3	15.6	16.3	21.7	11.1	26.8	22.2	14.0	13.7	13.2	13.3	11.1	10.4
Biological sciences.....	21.4	6.7	6.7	12.2	13.0	4.8	7.1	11.1	12.8	4.1	11.8	13.3	8.6	11.7
Agricultural sciences.....	0.0	13.3	4.4	4.1	2.2	1.6	0.0	0.0	0.0	2.7	0.0	2.4	3.7	2.6
Psychology and social sciences....	28.6	26.7	24.4	26.5	28.3	36.5	26.8	23.8	33.7	27.4	28.9	37.3	28.4	39.0
Non-sciences and Engineering: percent.....	33.3	21.1	18.2	15.5	22.0	18.2	27.3	28.4	25.2	26.3	24.8	23.1	30.2	24.5
Humanities.....	100.0	100.0	90.0	77.8	100.0	50.0	85.7	88.0	86.2	73.1	80.0	92.0	77.1	84.0
Education.....	0.0	0.0	10.0	11.1	0.0	21.4	4.8	0.0	3.4	0.0	0.0	4.0	5.7	4.0
Health sciences.....	0.0	0.0	0.0	0.0	0.0	7.1	0.0	12.0	3.4	7.7	4.0	0.0	8.6	4.0
Professional and other fields.....	0.0	0.0	0.0	11.1	0.0	21.4	9.5	0.0	6.9	19.2	16.0	4.0	8.6	8.0
Planned location after Ph.D.²														
Number with permanent visas:.....	2	5	11	6	10	9	11	5	17	12	14	16	11	11
U. S. total: percent.....	D	D	36.4	50.0	70.0	55.6	54.5	D	70.6	100.0	78.6	93.8	72.7	63.6
Study.....	D	D	25.0	33.3	42.9	60.0	16.7	D	33.3	41.7	63.6	33.3	62.5	57.1
Employment.....	D	D	75.0	66.7	57.1	40.0	83.3	D	66.7	58.3	36.4	60.0	37.5	42.9
Unknown.....	D	D	0.0	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	6.7	0.0	0.0
Non-U.S.....	D	D	18.2	0.0	0.0	0.0	9.1	D	11.8	0.0	0.0	6.3	27.3	36.4
Unknown location.....	D	D	45.5	50.0	30.0	44.4	36.4	D	17.6	0.0	21.4	0.0	0.0	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Statistical profile of doctorate recipients from Italy, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	12	10	34	43	36	54	45	58	69	61	62	67	70	66
U. S. total: percent	33.3	20.0	32.4	44.2	27.8	44.4	28.9	34.5	36.2	41.0	30.6	40.3	41.4	40.9
Study	0.0	50.0	54.5	57.9	40.0	37.5	53.8	60.0	52.0	44.0	47.4	48.1	51.7	70.4
Employment	100.0	50.0	45.5	42.1	60.0	62.5	46.2	40.0	48.0	56.0	52.6	51.9	44.8	29.6
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
Non-U.S.	66.7	60.0	47.1	37.2	41.7	46.3	51.1	48.3	55.1	52.5	61.3	56.7	54.3	53.0
Unknown location	0.0	20.0	20.6	18.6	30.6	9.3	20.0	17.2	8.7	6.6	8.1	3.0	4.3	6.1
Number planning location in the United States														
after Ph.D. ² :	6	5	15	22	17	29	19	23	37	37	30	42	37	34
Percent with definite postdoctoral study ⁴	16.7	D	33.3	50.0	29.4	34.5	15.8	30.4	32.4	24.3	46.7	21.4	37.8	47.1
Percent with definite employment ⁴	83.3	D	40.0	45.5	52.9	55.2	57.9	34.8	48.6	43.2	30.0	28.6	21.6	17.6
Percent seeking postdoctoral study ⁴	0.0	D	13.3	4.5	11.8	6.9	26.3	30.4	13.5	18.9	6.7	21.4	16.2	20.6
Percent seeking employment ⁴	0.0	D	13.3	0.0	5.9	3.4	0.0	4.3	5.4	13.5	16.7	26.2	21.6	14.7
Percent with postdoctoral plans unknown ⁴	0.0	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	0.0
Number with definite employment plans in United States														
after Ph.D.:	5	2	6	10	9	16	11	8	18	16	9	12	8	6
Primary work activity ² : percent														
R&D	D	D	66.7	60.0	44.4	68.8	54.5	50.0	61.1	43.8	55.6	66.7	25.0	83.3
Teaching	D	D	33.3	30.0	22.2	18.8	27.3	37.5	16.7	37.5	11.1	8.3	50.0	16.7
Administrative	D	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional services	D	D	0.0	10.0	33.3	0.0	0.0	12.5	5.6	6.3	0.0	8.3	0.0	0.0
Other	D	D	0.0	0.0	0.0	6.3	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unknown	D	D	0.0	0.0	0.0	6.3	0.0	0.0	16.7	12.5	33.3	16.7	25.0	0.0
Type of employer: percent ²														
Educational institution ⁵	D	D	83.3	60.0	44.4	81.3	54.5	62.5	61.1	75.0	55.6	58.3	100.0	50.0
Industry/business	D	D	16.7	20.0	33.3	6.3	36.4	25.0	22.2	18.8	33.3	8.3	0.0	33.3
Government	D	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0
Nonprofit	D	D	0.0	0.0	22.2	0.0	0.0	12.5	11.1	0.0	11.1	8.3	0.0	0.0
Other and unknown	D	D	0.0	20.0	0.0	12.5	9.1	0.0	5.6	6.3	0.0	16.7	0.0	16.7

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of Italy who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-23. Statistical profile of doctorate recipients from Korea¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	190	158	392	493	681	790	933	1,259	1,397	1,474	1,409	1,475	1,306	1,251
Percent men.....	91.6	90.5	87.8	89.5	88.5	88.9	86.1	86.6	84.3	85.2	84.7	82.9	81.2	82.3
Percent women.....	8.4	9.5	12.2	10.5	11.5	11.1	13.9	13.4	15.7	14.8	15.3	17.2	18.8	17.7
Percent with permanent visa.....	44.7	23.4	16.1	11.8	8.2	8.7	7.9	7.6	8.7	8.3	9.3	9.4	10.0	11.1
Percent with temporary visa.....	55.3	76.6	83.9	88.2	91.8	91.3	92.1	92.5	91.3	91.7	90.7	90.6	90.0	88.9
Percent married.....	85.8	84.8	86.0	87.2	87.2	88.1	88.3	85.5	82.1	83.7	83.4	81.7	79.8	76.1
Percent not married.....	13.7	13.9	11.5	11.8	11.2	11.3	11.3	10.9	12.5	12.5	12.5	14.5	15.5	18.2
Percent unknown.....	0.5	1.3	2.6	1.0	1.6	0.6	0.4	3.6	5.4	3.9	4.1	3.8	4.7	5.7
Median age at Ph.D. in years ³	33.2	32.9	33.4	33.1	33.0	33.1	33.1	33.2	33.3	33.5	33.5	33.8	33.8	33.8
Percent with dependents.....	68.4	72.8	81.9	82.2	80.8	82.8	83.0	80.6	77.7	77.9	78.6	76.4	74.0	72.6
Percent receiving sources of support: percent ^{3,4}														
Personal.....	44.2	53.8	79.7	78.4	72.7	75.0	75.7	72.4	72.7	76.6	73.3	74.1	74.1	79.9
Foreign government.....	0.0	0.0	0.0	0.0	5.8	9.3	7.6	7.9	5.1	6.5	7.0	5.7	5.6	7.9
University.....	93.5	92.4	89.5	93.3	92.4	95.3	93.6	89.2	90.1	91.6	89.5	89.2	87.3	88.6
Teaching assistant.....	48.7	49.2	39.1	48.0	50.3	53.9	50.9	47.5	47.3	46.9	46.5	46.0	46.1	49.5
Research assistant.....	71.4	66.7	67.4	71.1	72.9	74.6	72.6	70.5	71.7	71.0	72.6	70.7	67.1	71.6
Other university.....	27.9	28.0	19.1	19.2	16.4	15.9	13.1	15.1	9.9	14.6	14.3	13.3	12.6	20.5
Other.....	18.8	9.1	17.2	16.4	12.8	5.8	8.2	5.7	7.0	6.4	7.0	7.0	5.6	8.9
Unknown.....	1.3	2.3	3.4	0.7	2.4	1.6	1.5	4.5	5.2	3.6	3.7	4.4	5.8	5.4
Median years from baccalaureate to Ph.D.														
Total time: in years.....	10.3	9.8	10.5	10.3	10.3	10.2	10.0	10.0	10.3	10.5	10.4	10.8	10.8	10.8
Registered time: in years.....	6.3	6.5	6.8	6.8	6.5	6.8	6.9	7.3	7.3	7.5	7.5	7.6	7.8	7.6
Sciences & Engineering: percent.....	81.1	83.5	82.9	81.5	80.6	78.6	80.7	77.8	79.7	76.5	79.7	78.0	77.0	78.3
Physical Sciences.....	15.6	17.4	16.0	16.2	16.2	15.8	15.1	16.9	13.9	11.5	11.5	15.8	15.1	15.0
Earth, Atmospheric, and Ocean sciences.....	4.5	2.3	2.5	1.0	2.9	1.9	1.1	2.4	1.9	1.8	1.5	1.1	2.3	1.8
Mathematics.....	7.8	3.8	4.3	4.5	5.3	5.0	3.7	4.4	4.4	5.1	3.7	3.0	4.4	4.9
Computer/Information sciences.....	0.8	2.8	2.0	2.4	3.4	2.3	3.3	4.0	4.3	3.4	4.9	3.6	5.9	
Engineering.....	31.8	31.1	40.9	43.5	43.4	41.4	40.9	36.8	39.1	38.8	43.1	37.3	34.2	33.0
Biological sciences.....	7.1	6.8	7.4	7.0	8.0	9.2	8.6	10.5	9.6	10.6	12.2	13.2	12.5	12.2
Agricultural sciences.....	6.5	3.8	3.7	2.7	3.8	4.0	4.3	4.2	4.1	4.0	3.5	3.0	3.3	4.0
Psychology and social sciences....	26.6	34.1	22.5	23.1	18.0	19.3	24.0	21.7	23.1	24.1	21.1	21.6	24.6	23.2
Non-sciences and Engineering: percent.....	18.9	16.5	17.1	18.5	19.4	21.4	19.3	22.2	20.3	23.5	20.3	22.0	23.1	21.7
Humanities.....	16.7	23.1	17.9	18.7	13.6	15.4	14.4	15.0	14.8	17.3	21.0	20.6	24.3	23.9
Education.....	38.9	57.7	19.4	22.0	28.0	27.2	29.4	24.3	25.8	25.4	25.2	25.9	24.9	24.6
Health sciences.....	11.1	3.8	4.5	4.4	2.3	1.8	6.1	4.3	4.6	6.1	7.3	7.1	6.3	10.7
Professional and other fields.....	33.3	15.4	58.2	54.9	56.1	55.6	50.0	56.4	54.8	51.3	46.5	46.5	44.5	40.8
Planned location after Ph.D.³														
Number with permanent visas:.....	69	34	47	46	36	49	52	70	91	83	91	99	87	93
U. S. total: percent.....	60.9	58.8	42.6	43.5	38.9	51.0	51.9	45.7	63.7	65.1	65.9	70.7	59.8	62.4
Study.....	38.1	40.0	55.0	60.0	78.6	40.0	63.0	46.9	46.6	61.1	51.7	57.1	46.2	41.4
Employment.....	59.5	60.0	45.0	40.0	21.4	52.0	37.0	53.1	51.7	35.2	48.3	42.9	50.0	58.6
Unknown.....	2.4	0.0	0.0	0.0	0.0	8.0	0.0	0.0	1.7	3.7	0.0	0.0	3.9	0.0
Non-U.S.....	2.9	11.8	17.0	19.6	11.1	4.1	11.5	21.4	24.2	28.9	28.6	26.3	33.3	35.5
Unknown location.....	36.2	29.4	40.4	37.0	50.0	44.9	36.5	32.9	12.1	6.0	5.5	3.0	6.9	2.2

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Statistical profile of doctorate recipients from Korea¹, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	85	98	278	356	513	572	701	909	1,023	1,044	1,032	1,051	918	886
U. S. total: percent	35.3	44.9	32.0	36.8	35.5	39.2	37.1	30.4	32.7	30.6	32.4	34.9	36.7	35.0
Study	46.7	75.0	67.4	69.5	68.7	74.1	75.4	73.6	69.8	67.7	74.3	76.0	76.6	76.1
Employment	53.3	25.0	31.5	29.8	30.8	25.0	24.2	26.1	29.9	30.4	24.0	22.9	21.7	21.6
Unknown	0.0	0.0	1.1	0.8	0.5	0.9	0.4	0.4	0.3	1.9	1.8	1.1	1.8	2.3
Non-U.S.	41.2	36.7	38.5	34.6	29.6	30.4	30.2	50.8	55.6	63.8	62.9	59.1	57.6	58.4
Unknown location	23.5	18.4	29.5	28.7	34.9	30.4	32.7	18.8	11.7	5.7	4.8	6.0	5.7	6.7
Number planning location in the United States														
after Ph.D. ³ :	72	64	109	151	196	249	287	308	392	373	394	437	389	368
Percent with definite postdoctoral study ⁵	31.9	51.6	48.6	59.6	54.1	56.2	60.6	51.0	44.4	42.6	40.9	41.9	45.0	49.5
Percent with definite employment ⁵	48.6	32.8	28.4	29.8	25.0	22.9	22.0	22.1	17.9	16.4	10.2	11.0	9.0	15.0
Percent seeking postdoctoral study ⁵	9.7	12.5	16.5	8.6	15.3	14.5	13.6	19.8	21.9	24.1	30.0	31.1	27.5	21.2
Percent seeking employment ⁵	8.3	3.1	5.5	1.3	5.1	4.8	3.5	6.8	15.3	14.8	17.5	15.1	16.5	12.5
Percent with postdoctoral plans unknown ⁵	1.4	0.0	0.9	0.7	0.5	1.6	0.3	0.3	0.5	2.1	1.5	0.9	2.1	1.9
Number with definite employment plans in United States														
after Ph.D.:	35	21	31	45	49	57	63	68	70	61	40	48	35	55
Primary work activity ³ : percent														
R&D	62.9	47.6	67.7	51.1	73.5	42.1	49.2	72.1	68.6	62.3	75.0	62.5	45.7	81.8
Teaching	25.7	14.3	22.6	44.4	18.4	49.1	36.5	20.6	25.7	16.4	15.0	20.8	34.3	12.7
Administrative	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0
Professional services	2.9	4.8	3.2	0.0	0.0	1.8	4.8	4.4	2.9	4.9	2.5	2.1	11.4	1.8
Other	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.8
Unknown	8.6	28.6	6.5	4.4	6.1	7.0	9.5	2.9	2.9	16.4	7.5	10.4	8.6	1.8
Type of employer: percent ³														
Educational institution ⁶	37.1	28.6	38.7	60.0	53.1	66.7	63.5	44.1	50.0	45.9	45.0	43.8	51.4	36.4
Industry/business	57.1	57.1	51.6	31.1	40.8	29.8	31.7	45.6	41.4	39.3	45.0	41.7	42.9	58.2
Government	2.9	4.8	6.5	6.7	2.0	1.8	4.8	2.9	2.9	6.6	2.5	8.3	0.0	1.8
Nonprofit	2.9	4.8	3.2	2.2	2.0	0.0	0.0	4.4	1.4	3.3	5.0	6.3	5.7	1.8
Other and unknown	0.0	4.8	0.0	0.0	2.0	1.8	0.0	2.9	4.3	4.9	2.5	0.0	0.0	1.8

¹ Includes all responses for South Korea, North Korea, and unspecified Korean locations.² This table includes all citizens of Korea who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ Sciences and engineering Ph.D.s only.⁴ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁵ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁶ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-24. Statistical profile of doctorate recipients from Mexico, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	52	67	121	120	103	107	136	130	156	149	162	178	161	180
Percent men.....	88.5	92.5	81.8	85.8	84.5	89.7	82.4	83.8	79.5	81.2	79.0	70.8	82.0	82.8
Percent women.....	11.5	7.5	18.2	14.2	15.5	10.3	17.6	16.2	20.5	18.8	21.0	29.2	18.0	17.2
Percent with permanent visa.....	13.5	9.0	12.4	17.5	14.6	16.8	16.9	19.2	18.6	16.1	21.6	16.9	19.9	15.6
Percent with temporary visa.....	86.5	91.0	87.6	82.5	85.4	83.2	83.1	80.8	81.4	83.9	78.4	83.1	80.1	84.4
Percent married.....	67.3	77.6	72.7	72.5	63.1	67.3	73.5	62.3	58.3	61.7	64.2	61.8	73.3	67.8
Percent not married.....	30.8	19.4	26.4	25.8	32.0	29.0	25.7	29.2	37.2	33.6	32.7	31.5	21.7	28.9
Percent unknown.....	1.9	3.0	0.8	1.7	4.9	3.7	0.7	8.5	4.5	4.7	3.1	6.7	5.0	3.3
Median age at Ph.D. in years ²	31.3	31.2	32.9	31.4	31.7	33.0	32.8	32.8	33.9	35.0	33.8	33.9	35.8	35.3
Percent with dependents.....	48.1	65.7	69.4	67.5	59.2	63.6	66.2	59.2	56.4	59.1	58.6	52.8	65.8	65.0
Percent receiving sources of support: percent ^{2,3}														
Personal.....	26.3	38.6	38.6	40.2	48.8	51.1	42.5	46.2	38.3	42.6	43.2	32.4	38.3	53.8
Foreign government.....	0.0	0.0	0.0	0.0	36.0	50.0	53.3	44.2	40.6	45.2	44.6	45.1	51.6	61.4
University.....	73.7	56.1	70.3	69.1	75.6	82.6	85.8	81.7	75.8	83.5	77.7	74.6	68.0	79.1
Teaching assistant.....	31.6	26.3	29.7	32.0	40.7	35.9	49.2	45.2	39.8	45.2	42.4	39.4	32.8	50.0
Research assistant.....	52.6	35.1	43.6	49.5	52.3	56.5	55.8	53.8	48.4	58.3	54.0	49.3	46.9	55.1
Other university.....	26.3	8.8	19.8	27.8	17.4	13.0	25.8	14.4	22.7	25.2	21.6	16.9	13.3	34.8
Other.....	71.1	66.7	60.4	50.5	18.6	17.4	19.2	18.3	16.4	25.2	15.1	19.7	24.2	29.7
Unknown.....	5.3	5.3	3.0	6.2	5.8	1.1	1.7	7.7	4.7	2.6	3.6	4.9	4.7	3.8
Median years from baccalaureate to Ph.D.														
Total time: in years.....	8.4	7.8	9.3	9.0	9.3	9.1	10.0	9.0	9.9	11.5	10.3	10.3	11.7	11.7
Registered time: in years.....	5.0	5.0	5.5	5.5	5.9	5.7	5.9	6.4	6.6	6.8	7.0	6.7	6.6	6.9
Sciences & Engineering: percent.....	73.1	85.1	83.5	80.8	83.5	86.0	88.2	80.0	82.1	77.2	85.8	79.8	79.5	87.8
Physical Sciences.....	10.5	7.0	11.9	15.5	16.3	12.0	5.0	10.6	10.9	10.4	10.8	9.2	5.5	8.2
Earth, Atmospheric, and Ocean sciences.....	10.5	12.3	3.0	0.0	7.0	3.3	6.7	5.8	3.1	3.5	7.9	4.9	6.3	6.3
Mathematics.....	13.2	3.5	8.9	7.2	7.0	4.3	5.8	6.7	6.3	5.2	7.2	6.3	6.3	5.7
Computer/Information sciences.....	0.0	0.0	0.0	2.1	3.5	0.0	2.5	1.0	3.1	3.5	0.7	2.1	0.0	6.3
Engineering.....	28.9	22.8	23.8	20.6	24.4	29.3	23.3	24.0	17.2	13.9	19.4	21.1	20.3	23.4
Biological sciences.....	10.5	8.8	13.9	13.4	11.6	19.6	21.7	15.4	21.1	23.5	16.5	19.7	28.1	18.4
Agricultural sciences.....	10.5	26.3	24.8	17.5	9.3	20.7	15.0	23.1	18.0	13.9	17.3	16.9	21.1	14.6
Psychology and social sciences....	15.8	19.3	13.9	23.7	20.9	10.9	20.0	13.5	20.3	26.1	20.1	19.7	12.5	17.1
Non-sciences and Engineering: percent.....	26.9	14.9	16.5	19.2	16.5	14.0	11.8	20.0	17.9	22.8	14.2	20.2	20.5	12.2
Humanities.....	28.6	30.0	20.0	34.8	23.5	13.3	18.8	34.6	42.9	44.1	34.8	44.4	48.5	45.5
Education.....	50.0	30.0	60.0	43.5	17.6	46.7	37.5	23.1	32.1	26.5	26.1	27.8	24.2	9.1
Health sciences.....	14.3	40.0	10.0	13.0	23.5	20.0	12.5	23.1	10.7	17.6	8.7	22.2	15.2	27.3
Professional and other fields.....	7.1	0.0	10.0	8.7	35.3	20.0	31.3	19.2	14.3	11.8	30.4	5.6	12.1	18.2
Planned location after Ph.D.²														
Number with permanent visas:.....	3	3	10	11	10	15	16	17	21	18	28	19	23	20
U. S. total: percent.....	D	D	90.0	36.4	40.0	40.0	62.5	76.5	61.9	66.7	75.0	73.7	73.9	80.0
Study.....	D	D	33.3	50.0	25.0		60.0	53.8	15.4	8.3	47.6	28.6	41.2	31.3
Employment.....	D	D	66.7	50.0	75.0	83.3	40.0	46.2	84.6	83.3	52.4	64.3	58.8	62.5
Unknown.....	D	D	0.0	0.0	0.0	16.7	0.0	0.0	0.0	8.3	0.0	7.1	0.0	6.3
Non-U.S.....	D	D	0.0	27.3	20.0	20.0	18.8	23.5	28.6	22.2	21.4	26.3	17.4	20.0
Unknown location.....	D	D	10.0	36.4	40.0	40.0	18.8	0.0	9.5	11.1	3.6	0.0	8.7	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Statistical profile of doctorate recipients from Mexico, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	35	54	91	86	76	77	104	87	107	97	111	123	105	138
U. S. total: percent	11.4	14.8	12.1	23.3	35.5	29.9	38.5	24.1	42.1	27.8	29.7	28.5	26.7	31.2
Study	75.0	62.5	36.4	65.0	55.6	65.2	50.0	76.2	60.0	51.9	60.6	62.9	64.3	55.8
Employment	25.0	37.5	63.6	35.0	40.7	34.8	50.0	23.8	37.8	48.1	39.4	34.3	32.1	41.9
Unknown	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	2.2	0.0	0.0	2.9	3.6	2.3
Non-U.S.	68.6	70.4	60.4	54.7	44.7	49.4	47.1	59.8	49.5	70.1	67.6	65.9	72.4	65.9
Unknown location	20.0	14.8	27.5	22.1	19.7	20.8	14.4	16.1	8.4	2.1	2.7	5.7	1.0	2.9
Number planning location in the United States after Ph.D. ² :	5	10	20	24	31	29	50	34	58	39	54	49	45	59
Percent with definite postdoctoral study ⁴ :	D	50.0	25.0	54.2	38.7	31.0	38.0	35.3	37.9	25.6	29.6	36.7	42.2	27.1
Percent with definite employment ⁴ :	D	40.0	65.0	37.5	38.7	41.4	46.0	26.5	37.9	30.8	25.9	22.4	15.6	27.1
Percent seeking postdoctoral study ⁴ :	D	10.0	10.0	8.3	12.9	20.7	14.0	32.4	12.1	12.8	25.9	16.3	13.3	22.0
Percent seeking employment ⁴ :	D	0.0	0.0	0.0	6.5	3.4	2.0	5.9	10.3	28.2	18.5	20.4	26.7	20.3
Percent with postdoctoral plans unknown ⁴ :	D	0.0	0.0	0.0	3.2	3.4	0.0	0.0	1.7	2.6	4.1	2.2	3.4	
Number with definite employment plans in United States after Ph.D.:	1	4	13	9	12	12	23	9	22	12	14	11	7	16
Primary work activity ² : percent														
R&D	D	D	38.5	55.6	58.3	58.3	56.5	66.7	31.8	75.0	57.1	54.5	57.1	43.8
Teaching	D	D	46.2	44.4	25.0	16.7	30.4	33.3	40.9	0.0	14.3	27.3	14.3	43.8
Administrative	D	D	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	7.1	9.1	0.0	0.0
Professional services	D	D	7.7	0.0	0.0	25.0	0.0	0.0	18.2	8.3	7.1	0.0	14.3	0.0
Other	D	D	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	14.3	6.3
Unknown	D	D	7.7	0.0	8.3	0.0	13.0	0.0	4.5	16.7	14.3	9.1	0.0	6.3
Type of employer: percent ²														
Educational institution ⁵	D	D	53.8	77.8	58.3	58.3	52.2	55.6	54.5	41.7	50.0	36.4	28.6	50.0
Industry/business	D	D	46.2	22.2	25.0	41.7	39.1	33.3	31.8	41.7	35.7	54.5	71.4	25.0
Government	D	D	0.0	0.0	0.0	0.0	4.3	11.1	9.1	16.7	0.0	0.0	0.0	6.3
Nonprofit	D	D	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0
Other and unknown	D	D	0.0	0.0	0.0	0.0	4.3	0.0	4.5	0.0	14.3	0.0	0.0	18.8

D = data withheld to avoid potential disclosure of confidential information.

¹ This table includes all citizens of Mexico who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.**SOURCE:** National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-25. Statistical profile of doctorate recipients from Scandinavia¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	56	48	42	57	71	66	66	92	85	95	93	99	111	116
Percent men.....	87.5	75.0	73.8	73.7	71.8	72.7	66.7	71.7	63.5	60.0	72.0	62.6	70.3	53.4
Percent women.....	12.5	25.0	26.2	26.3	28.2	27.3	33.3	28.3	36.5	40.0	28.0	37.4	29.7	46.6
Percent with permanent visa.....	17.9	20.8	21.4	28.1	14.1	22.7	13.6	18.5	31.8	24.2	22.6	22.2	26.1	30.2
Percent with temporary visa.....	82.1	79.2	78.6	71.9	85.9	77.3	86.4	81.5	68.2	75.8	77.4	77.8	73.9	69.8
Percent married.....	58.9	60.4	57.1	56.1	53.5	57.6	68.2	51.1	52.9	49.5	47.3	48.5	48.6	46.6
Percent not married.....	37.5	35.4	40.5	38.6	43.7	39.4	28.8	44.6	37.6	45.3	48.4	41.4	45.0	43.1
Percent unknown.....	3.6	4.2	2.4	5.3	2.8	3.0	3.0	4.3	9.4	5.3	4.3	10.1	6.3	10.3
Median age at Ph.D. in years ³	31.1	31.3	31.6	31.6	30.5	32.3	30.9	32.3	31.5	32.0	32.2	31.5	31.5	31.6
Percent with dependents.....	42.9	50.0	50.0	38.6	38.0	40.9	40.9	40.2	40.0	35.8	31.2	39.4	37.8	32.8
Percent receiving sources of support: percent ^{3,4}														
Personal.....	51.2	52.8	60.0	60.0	53.8	42.0	50.9	50.7	57.6	59.4	57.3	50.8	48.2	69.8
Foreign government.....	0.0	0.0	0.0	0.0	26.9	18.0	22.6	30.4	42.4	33.3	26.7	34.4	49.4	40.7
University.....	87.8	88.9	90.0	91.1	92.3	86.0	92.5	81.2	83.3	85.5	88.0	78.7	92.8	86.0
Teaching assistant.....	46.3	58.3	50.0	60.0	55.8	40.0	52.8	44.9	42.4	46.4	53.3	42.6	50.6	61.6
Research assistant.....	65.9	63.9	70.0	62.2	71.2	62.0	69.8	55.1	65.2	62.3	64.0	65.6	71.1	73.3
Other university.....	34.1	25.0	30.0	26.7	34.6	34.0	30.2	31.9	19.7	13.0	21.3	16.4	27.7	34.9
Other.....	39.0	44.4	56.7	37.8	28.8	24.0	32.1	33.3	33.3	30.4	25.3	41.0	25.3	36.0
Unknown.....	0.0	2.8	0.0	4.4	5.8	8.0	3.8	5.8	6.1	4.3	4.0	0.0	1.2	10.5
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.1	7.6	7.8	7.6	7.3	7.5	8.0	7.9	8.3	8.0	8.4	7.6	7.7	9.0
Registered time: in years.....	5.3	5.5	6.4	6.0	6.2	6.0	5.8	6.0	7.0	6.2	6.6	6.7	6.6	6.9
Sciences & Engineering: percent.....	73.2	75.0	71.4	78.9	73.2	75.8	80.3	75.0	77.6	72.6	80.6	61.6	74.8	74.1
Physical Sciences.....	7.3	22.2	23.3	17.8	19.2	18.0	18.9	17.4	15.2	18.8	13.3	16.4	8.4	18.6
Earth, Atmospheric, and Ocean sciences.....	12.2	5.6	16.7	6.7	3.8	8.0	5.7	10.1	4.5	5.8	10.7	4.9	6.0	3.5
Mathematics.....	26.8	11.1	10.0	8.9	15.4	10.0	15.1	4.3	9.1	7.2	8.0	3.3	7.2	3.5
Computer/Information sciences.....	0.0	8.3	6.7	8.9	3.8	2.0	3.8	1.4	9.1	0.0	4.0	9.8	10.8	5.8
Engineering.....	17.1	16.7	23.3	8.9	26.9	18.0	18.9	18.8	10.6	18.8	16.0	26.2	25.3	12.8
Biological sciences.....	4.9	5.6	3.3	13.3	7.7	14.0	9.4	17.4	15.2	14.5	12.0	11.5	20.5	17.4
Agricultural sciences.....	12.2	5.6	3.3	4.4	0.0	10.0	11.3	2.9	9.1	7.2	1.3	1.6	2.4	4.7
Psychology and social sciences....	19.5	25.0	13.3	31.1	23.1	20.0	17.0	27.5	27.3	27.5	34.7	26.2	19.3	33.7
Non-sciences and Engineering: percent.....	26.8	25.0	28.6	21.1	26.8	24.2	19.7	25.0	22.4	27.4	19.4	38.4	25.2	25.9
Humanities.....	26.7	25.0	41.7	58.3	31.6	37.5	38.5	26.1	42.1	65.4	38.9	42.1	39.3	46.7
Education.....	33.3	25.0	33.3	8.3	15.8	12.5	30.8	21.7	21.1	15.4	33.3	23.7	14.3	10.0
Health sciences.....	0.0	16.7	0.0	8.3	10.5	12.5	0.0	21.7	5.3	7.7	11.1	10.5	14.3	6.7
Professional and other fields.....	40.0	33.3	25.0	25.0	42.1	37.5	30.8	30.4	31.6	11.5	16.7	23.7	32.1	36.7
Planned location after Ph.D.³	8	9	2	11	7	11	6	11	16	11	13	12	20	26
Number with permanent visas:.....	62.5	66.7	100.0	63.6	100.0	72.7	50.0	72.7	81.3	63.6	84.6	83.3	80.0	73.1
U. S. total: percent.....	0.0	16.7	50.0	42.9	57.1	25.0	100.0	62.5	23.1	0.0	45.5	40.0	37.5	42.1
Study.....	100.0	83.3	50.0	57.1	42.9	75.0	0.0	37.5	76.9	100.0	54.5	60.0	62.5	47.4
Employment.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
Unknown.....	25.0	11.1	0.0	9.1	0.0	18.2	16.7	9.1	6.3	27.3	7.7	16.7	20.0	15.4
Non-U.S.....	12.5	22.2	0.0	27.3	0.0	9.1	33.3	18.2	12.5	9.1	7.7	0.0	0.0	11.5
Unknown location.....	33.0	27.0	28.0	34.0	45.0	39.0	47.0	58.0	50.0	58.0	62.0	49.0	63.0	60.0

See explanatory information, if any, and SOURCE at end of table.

Table B-25. Statistical profile of doctorate recipients from Scandinavia¹, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	24	41	54	29	27	18	43	35	34	41	39	29	49	40
U. S. total: percent.....	50.0	63.6	53.3	50.0	66.7	71.4	65.0	70.0	52.9	54.2	50.0	50.0	51.6	62.5
Study.....	50.0	36.4	46.7	50.0	33.3	28.6	35.0	30.0	47.1	45.8	50.0	50.0	48.4	29.2
Employment.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3
Unknown.....	54.5	37.0	28.6	55.9	46.7	43.6	31.9	53.4	52.0	55.2	56.5	69.4	49.2	51.7
Non-U.S.....	21.2	22.2	17.9	14.7	26.7	38.5	25.5	12.1	14.0	3.4	4.8	2.0	1.6	8.3
Unknown location.....														
Number planning location in the United States														
after Ph.D. ³ :	13	17	17	17	19	15	23	28	30	31	35	24	47	43
Percent with definite postdoctoral study ⁵	23.1	35.3	47.1	41.2	52.6	40.0	43.5	46.4	33.3	32.3	28.6	33.3	36.2	27.9
Percent with definite employment ⁵	69.2	52.9	47.1	52.9	31.6	53.3	30.4	32.1	46.7	41.9	28.6	33.3	44.7	20.9
Percent seeking postdoctoral study ⁵	7.7	11.8	5.9	5.9	10.5	6.7	26.1	21.4	6.7	9.7	20.0	12.5	10.6	25.6
Percent seeking employment ⁵	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	13.3	16.1	22.9	20.8	8.5	16.3
Percent with postdoctoral plans unknown ⁵	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Number with definite employment plans in United States														
after Ph.D.:	9	9	8	9	6	8	7	9	14	13	10	8	21	9
Primary work activity ³ : percent.....														
R&D.....	66.7	77.8	75.0	77.8	66.7	37.5	71.4	44.4	57.1	61.5	60.0	62.5	81.0	44.4
Teaching.....	11.1	11.1	12.5	11.1	33.3	25.0	14.3	22.2	28.6	15.4	30.0	12.5	9.5	22.2
Administrative.....	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Professional services.....	0.0	0.0	12.5	0.0	0.0	25.0	0.0	22.2	7.1	0.0	10.0	25.0	4.8	22.2
Other.....	22.2	11.1	0.0	11.1	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	4.8	11.1
Unknown.....	0.0	0.0	0.0	0.0	0.0	12.5	0.0	11.1	0.0	23.1	0.0	0.0	0.0	0.0
Type of employer: percent ³														
Educational institution ⁶	55.6	33.3	62.5	66.7	83.3	37.5	71.4	44.4	71.4	76.9	60.0	25.0	23.8	66.7
Industry/business.....	44.4	44.4	37.5	22.2	16.7	25.0	14.3	44.4	28.6	7.7	20.0	50.0	61.9	33.3
Government.....	0.0	0.0	0.0	11.1	0.0	12.5	0.0	0.0	0.0	7.7	10.0	25.0	0.0	0.0
Nonprofit.....	0.0	22.2	0.0	0.0	0.0	12.5	0.0	0.0	0.0	7.7	10.0	0.0	4.8	0.0
Other and unknown.....	0.0	0.0	0.0	0.0	0.0	12.5	14.3	11.1	0.0	0.0	0.0	0.0	9.5	0.0

¹ Includes Denmark, Finland, Iceland, Norway, Sweden, and unspecified Northern European countries.² This table includes all citizens of Scandinavian countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ Sciences and engineering Ph.D.s only.⁴ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁵ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁶ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-26. Statistical profile of doctorate recipients from Taiwan, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s¹	550	455	833	796	873	912	977	1,149	1,321	1,431	1,456	1,576	1,485	1,398
Percent men.....	89.5	86.2	86.2	85.9	85.0	84.6	81.0	80.3	81.0	79.4	78.0	77.4	75.2	74.3
Percent women.....	10.5	13.8	13.8	14.1	15.0	15.4	19.0	19.7	19.0	20.6	22.0	22.6	24.9	25.8
Percent with permanent visa.....	45.3	34.3	21.0	20.4	19.7	18.0	16.7	14.4	13.6	14.5	13.1	13.8	13.0	11.8
Percent with temporary visa.....	54.7	65.7	79.0	79.6	80.3	82.0	83.3	85.6	86.5	85.5	87.0	86.2	87.0	88.2
Percent married.....	80.9	73.4	71.5	76.0	75.3	75.0	74.7	69.6	71.3	71.1	68.4	67.0	64.9	63.8
Percent not married.....	18.0	25.9	26.8	22.9	23.0	24.3	23.7	25.3	22.9	24.5	27.3	27.9	29.9	32.5
Percent unknown.....	1.1	0.7	1.7	1.1	1.7	0.7	1.5	5.1	5.8	4.3	4.3	5.1	5.2	3.7
Median age at Ph.D. in years ²	30.5	30.7	31.8	31.9	32.0	32.2	32.5	32.5	32.6	32.8	32.3	32.5	32.7	32.7
Percent with dependents.....	50.5	57.6	61.3	62.9	61.7	62.1	61.2	59.7	57.5	59.1	57.0	55.0	53.8	52.4
Percent receiving sources of support: percent ^{2,3}														
Personal.....	29.3	31.1	57.1	60.5	57.0	61.6	61.4	63.9	65.0	68.1	67.4	69.9	71.4	78.9
Foreign government.....	0.0	0.0	0.0	0.0	5.8	8.7	9.6	9.3	8.3	9.6	7.4	6.5	7.5	6.6
University.....	95.0	90.6	91.4	94.4	90.9	92.5	91.2	88.8	86.7	87.4	90.3	87.4	87.2	89.2
Teaching assistant.....	55.8	51.3	47.2	52.9	51.0	55.2	50.9	47.3	45.5	45.7	46.6	41.9	41.1	47.9
Research assistant.....	76.8	74.1	75.7	76.9	75.7	78.6	76.1	72.7	72.4	73.9	76.5	73.6	72.3	77.2
Other university.....	24.3	20.7	19.0	18.3	16.2	13.5	14.4	11.1	9.3	9.4	11.3	9.2	9.2	18.7
Other.....	17.2	15.8	10.5	9.5	7.2	3.6	5.3	5.4	4.3	4.1	5.4	4.4	4.4	6.8
Unknown.....	0.6	1.6	2.0	0.6	2.0	1.4	1.9	4.2	4.4	3.6	2.7	4.5	3.7	4.1
Median years from baccalaureate to Ph.D.														
Total time: in years.....	7.9	8.4	9.2	9.3	9.5	9.7	10.0	10.0	10.1	10.2	10.0	10.0	10.1	10.1
Registered time: in years.....	5.7	5.7	6.2	6.2	6.1	6.2	6.3	6.3	6.3	6.4	6.5	6.3	6.5	6.5
Sciences & Engineering: percent.....	94.2	93.4	89.6	89.1	90.5	86.2	87.7	88.1	85.3	86.8	83.3	82.6	83.5	82.2
Physical Sciences.....	27.6	23.5	15.3	19.2	16.8	13.2	15.6	14.1	11.9	10.8	11.6	10.2	12.3	9.7
Earth, Atmospheric, and Ocean sciences.....	1.5	4.7	3.6	1.8	2.8	1.5	2.2	1.5	1.4	1.8	2.1	1.8	1.9	1.9
Mathematics.....	9.1	7.8	4.0	5.1	3.5	3.9	3.5	5.3	4.0	3.7	3.6	4.2	2.7	3.3
Computer/Information sciences.....	0.0	1.4	2.4	4.1	3.4	6.2	4.0	6.9	5.9	6.3	6.7	5.5	5.9	5.8
Engineering.....	37.8	40.5	51.9	49.5	50.3	50.9	49.8	47.0	53.0	51.3	48.8	51.5	49.7	49.8
Biological sciences.....	11.2	12.9	10.9	8.6	11.8	12.1	11.8	13.4	10.4	13.6	14.6	14.2	13.6	15.1
Agricultural sciences.....	7.3	3.3	3.4	3.9	4.2	3.4	3.9	4.0	3.7	4.4	3.7	3.2	4.2	4.3
Psychology and social sciences....	5.4	5.9	8.6	7.8	7.2	8.7	9.2	7.7	9.7	8.1	8.8	9.4	9.8	10.1
Non-sciences and														
Engineering: percent.....	5.8	6.6	10.4	10.9	9.5	13.8	12.3	11.9	14.7	13.2	16.7	17.5	16.5	17.8
Humanities.....	28.1	23.3	8.0	12.6	13.3	11.1	9.2	11.0	15.5	10.1	14.0	12.0	17.1	16.1
Education.....	21.9	26.7	34.5	37.9	32.5	31.7	36.7	46.0	44.9	49.2	44.9	41.5	39.6	42.6
Health sciences.....	25.0	30.0	27.6	13.8	15.7	11.9	14.2	13.9	10.3	12.2	12.4	17.5	20.4	16.9
Professional and other fields.....	25.0	20.0	29.9	35.6	38.6	45.2	40.0	29.2	29.4	28.6	28.8	29.1	22.9	24.5
Planned location after Ph.D.²														
Number with permanent visas:.....	227	144	159	144	150	136	142	147	160	172	155	178	165	136
U. S. total: percent.....	64.3	72.9	64.8	61.1	50.7	64.0	64.1	65.3	82.5	80.8	76.8	69.1	82.4	82.4
Study.....	39.0	31.4	25.2	25.0	42.1	39.1	38.5	30.2	28.8	25.9	33.6	31.7	32.4	33.0
Employment.....	59.6	68.6	74.8	75.0	57.9	59.8	61.5	68.8	70.5	69.8	64.7	65.9	65.4	66.1
Unknown.....	1.4	0.0	0.0	0.0	0.0	1.1	0.0	1.0	0.8	4.3	1.7	2.4	2.2	0.9
Non-U.S.....	3.1	1.4	2.5	4.2	5.3	5.1	2.8	12.2	6.9	15.1	16.1	25.3	15.2	16.2
Unknown location.....	32.6	25.7	32.7	34.7	44.0	30.9	33.1	22.5	10.6	4.1	7.1	5.6	2.4	1.5

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Statistical profile of doctorate recipients from Taiwan, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	291	281	587	565	640	650	715	865	967	1,070	1,058	1,123	1,075	1,013
U. S. total: percent.....	44.7	58.4	46.8	48.9	45.5	41.8	39.3	41.0	46.4	46.9	38.9	41.9	44.6	47.8
Study.....	66.2	47.0	50.9	54.7	59.5	57.7	56.2	44.5	40.1	47.6	55.7	51.7	50.3	44.4
Employment.....	32.3	53.0	48.4	44.2	40.2	41.5	43.1	53.8	58.6	50.8	42.1	46.0	47.0	53.1
Unknown.....	1.5	0.0	0.7	1.1	0.3	0.7	0.7	1.7	1.3	1.6	2.2	2.3	2.7	2.5
Non-U.S.....	22.3	19.6	20.6	18.2	19.2	20.8	22.1	34.0	41.0	45.3	55.4	53.2	50.3	47.3
Unknown location.....	33.0	22.1	32.5	32.9	35.3	37.4	38.6	25.0	12.6	7.8	5.8	5.0	5.1	4.9
Number planning location in the United States														
after Ph.D.²:	276	269	378	364	367	359	372	451	581	641	530	593	615	596
Percent with definite postdoctoral study ⁴	41.7	31.2	32.8	34.1	45.0	42.1	40.9	28.4	22.0	25.4	30.4	27.7	24.6	25.2
Percent with definite employment ⁴	38.0	53.2	47.1	43.4	39.0	37.6	41.9	37.7	36.5	25.7	22.8	22.3	20.2	28.5
Percent seeking postdoctoral study ⁴	10.1	9.7	11.1	13.5	10.9	11.1	11.0	13.1	15.5	17.5	20.4	19.9	21.8	17.1
Percent seeking employment ⁴	8.7	5.9	8.5	8.2	4.9	8.4	5.6	19.3	24.8	29.2	24.3	27.8	30.9	27.0
Percent with postdoctoral plans unknown ⁴	1.4	0.0	0.5	0.8	0.3	0.8	0.5	1.6	1.2	2.2	2.1	2.4	2.6	2.2
Number with definite employment plans in United States														
after Ph.D.:	105	143	178	158	143	135	156	170	212	165	121	132	124	170
Primary work activity ² : percent.....														
R&D.....	70.5	77.6	76.4	70.9	76.2	74.1	73.7	68.2	70.3	67.9	73.6	68.2	74.2	81.2
Teaching.....	11.4	13.3	12.9	15.8	12.6	15.6	16.7	12.9	10.4	9.7	11.6	11.4	7.3	4.7
Administrative.....	0.0	1.4	0.0	0.0	0.7	0.7	0.0	0.6	0.5	0.6	0.8	1.5	1.6	0.0
Professional services.....	15.2	3.5	5.1	5.1	4.9	5.2	7.1	9.4	7.1	7.9	5.0	6.8	10.5	8.2
Other.....	0.0	0.0	0.0	0.0	0.7	0.7	0.6	0.0	0.5	1.2	0.8	1.5	1.6	1.2
Unknown.....	2.9	4.2	5.6	8.2	4.9	3.7	1.9	8.8	11.3	12.7	8.3	10.6	4.8	4.7
Type of employer: percent ²														
Educational institution ⁵	22.9	24.5	27.5	29.1	28.7	32.6	34.6	28.8	24.1	24.2	26.5	24.2	13.7	14.7
Industry/business.....	67.6	71.3	66.9	65.8	65.0	63.7	61.5	68.2	70.3	69.7	67.8	68.9	79.0	81.8
Government.....	4.8	3.5	2.2	1.3	4.2	2.2	1.9	1.2	2.4	1.8	3.3	3.0	2.4	1.2
Nonprofit.....	2.9	0.0	1.7	3.8	0.7	0.7	1.9	1.8	2.4	3.0	1.7	2.3	2.4	1.8
Other and unknown.....	1.9	0.7	1.7	0.0	1.4	0.7	0.0	0.0	0.9	1.2	0.8	1.5	2.4	7.0

¹ This table includes all citizens of Taiwan who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.² Sciences and engineering Ph.D.s only.³ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁴ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁵ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Earned Doctorates*.

Table B-27. Statistical profile of doctorate recipients from United Kingdom¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	178	129	165	128	158	176	161	172	207	216	230	219	222	205
Percent men.....	84.3	79.1	61.2	68.8	71.5	64.2	65.2	72.1	69.1	64.4	73.5	70.8	69.8	57.6
Percent women.....	15.7	20.9	38.8	31.3	28.5	35.8	34.8	27.9	30.9	35.6	26.5	29.2	30.2	42.4
Percent with permanent visa.....	38.2	41.9	41.2	38.3	34.8	42.6	41.0	44.2	44.4	41.2	38.3	42.5	40.1	49.3
Percent with temporary visa.....	61.8	58.1	58.8	61.7	65.2	57.4	59.0	55.8	55.6	58.8	61.7	57.5	59.9	50.7
Percent married.....	59.6	58.1	52.7	46.9	48.1	39.8	49.7	47.7	50.7	41.7	42.6	42.0	40.5	46.3
Percent not married.....	39.9	40.3	44.2	51.6	49.4	58.5	48.4	44.8	41.5	52.3	51.7	53.0	50.0	46.8
Percent unknown.....	0.6	1.6	3.0	1.6	2.5	1.7	1.9	7.6	7.7	6.0	5.7	5.0	9.5	6.8
Median age at Ph.D. in years ³	29.3	29.2	30.3	29.2	28.6	29.2	29.8	29.4	30.4	30.5	29.3	29.4	30.8	31.2
Percent with dependents.....	29.8	34.1	29.7	23.4	27.8	25.0	25.5	30.2	32.4	23.1	22.6	23.3	19.4	26.8
Percent receiving sources of support: percent ^{3, 4}														
Personal.....	37.3	49.4	60.2	56.3	46.9	48.3	52.6	51.0	50.7	49.6	48.4	51.9	47.0	61.0
Foreign government.....	0.0	0.0	0.0	0.0	2.1	3.4	3.1	2.9	3.0	2.9	3.2	2.3	1.5	0.0
University.....	91.5	94.4	82.5	92.5	91.7	95.8	92.8	87.5	92.5	91.4	95.5	95.4	90.3	89.0
Teaching assistant.....	61.0	59.6	60.2	57.5	61.5	66.9	67.0	64.4	64.2	63.3	70.1	60.3	53.7	72.9
Research assistant.....	61.0	66.3	51.5	60.0	68.8	69.5	72.2	67.3	65.7	59.7	74.5	64.9	65.7	61.0
Other university.....	40.7	32.6	35.9	30.0	31.3	33.1	30.9	33.7	24.6	38.8	35.7	29.8	27.6	40.7
Other.....	29.7	21.3	25.2	28.8	11.5	22.0	17.5	12.5	14.9	17.3	16.6	13.7	9.0	20.3
Unknown.....	0.8	2.2	1.9	0.0	2.1	0.0	2.1	4.8	4.5	3.6	0.6	1.5	5.2	3.4
Median years from baccalaureate to Ph.D.														
Total time: in years.....	6.9	7.3	8.1	8.0	7.8	7.8	8.3	7.8	8.8	8.2	8.0	8.3	9.0	9.1
Registered time: in years.....	5.4	5.5	5.9	5.9	6.1	6.3	6.1	6.2	6.5	6.5	6.3	6.5	6.8	7.0
Sciences & Engineering: percent.....	66.3	69.0	62.4	62.5	60.8	67.0	60.2	60.5	64.7	64.4	68.3	59.8	60.4	57.6
Physical Sciences.....	15.3	13.5	22.3	13.8	19.8	16.9	14.4	17.3	24.6	17.3	22.3	21.4	20.9	11.9
Earth, Atmospheric, and Ocean sciences.....	4.2	4.5	4.9	7.5	7.3	7.6	7.2	3.8	3.7	1.4	5.7	3.8	1.5	8.5
Mathematics.....	3.4	3.4	6.8	2.5	4.2	4.2	6.2	6.7	6.7	7.2	6.4	8.4	5.2	4.2
Computer/Information sciences.....	0.0	3.4	1.9	6.3	4.2	5.1	2.1	1.0	1.5	2.2	2.5	0.8	1.5	1.7
Engineering.....	7.6	21.3	5.8	15.0	9.4	9.3	14.4	14.4	11.2	12.2	11.5	11.5	14.9	8.5
Biological sciences.....	23.7	16.9	26.2	23.8	22.9	21.2	20.6	22.1	14.9	21.6	20.4	19.8	19.4	20.3
Agricultural sciences.....	4.2	5.6	3.9	3.8	3.1	3.4	7.2	1.0	4.5	0.7	3.2	2.3	2.2	2.5
Psychology and social sciences....	41.5	31.5	28.2	27.5	29.2	32.2	27.8	33.7	32.8	37.4	28.0	32.1	34.3	42.4
Non-sciences and Engineering: percent.....	33.7	31.0	37.6	37.5	39.2	33.0	39.8	39.5	35.3	35.6	31.7	40.2	39.6	42.4
Humanities.....	53.3	32.5	43.5	45.8	53.2	60.3	48.4	60.3	52.1	59.7	60.3	64.8	69.3	60.9
Education.....	28.3	42.5	35.5	25.0	24.2	24.1	25.0	25.0	23.3	22.1	19.2	13.6	14.8	29.9
Health sciences.....	5.0	12.5	8.1	10.4	8.1	3.4	1.6	4.4	4.1	5.2	5.5	9.1	4.5	0.0
Professional and other fields.....	13.3	12.5	12.9	18.8	14.5	12.1	25.0	10.3	20.5	13.0	15.1	12.5	11.4	9.2
Planned location after Ph.D.³														
Number with permanent visas:.....	47	33	43	32	31	48	36	39	53	59	48	56	49	51
U. S. total: percent.....	63.8	75.8	69.8	68.8	83.9	60.4	69.4	74.4	83.0	88.1	91.7	91.1	87.8	88.2
Study.....	40.0	32.0	56.7	27.3	42.3	41.4	28.0	24.1	43.2	40.4	47.7	45.1	37.2	28.9
Employment.....	60.0	68.0	43.3	72.7	57.7	58.6	72.0	75.9	52.3	55.8	52.3	54.9	60.5	71.1
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	3.8	0.0	0.0	2.3	0.0
Non-U.S.....	14.9	3.0	7.0	9.4	0.0	10.4	2.8	7.7	13.2	10.2	8.3	8.9	4.1	11.8
Unknown location.....	21.3	21.2	23.3	21.9	16.1	29.2	27.8	17.9	3.8	1.7	0.0	0.0	8.2	0.0

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Statistical profile of doctorate recipients from United Kingdom¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 2 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	71	56	60	48	65	70	61	65	81	80	109	75	85	67
U. S. total: percent.....	50.7	55.4	56.7	45.8	49.2	55.7	57.4	67.7	58.0	61.3	63.3	52.0	69.4	61.2
Study.....	47.2	45.2	52.9	63.6	56.3	61.5	54.3	56.8	55.3	57.1	52.2	53.8	45.8	56.1
Employment.....	50.0	54.8	44.1	36.4	43.8	38.5	45.7	43.2	42.6	42.9	46.4	43.6	50.8	41.5
Unknown.....	2.8	0.0	2.9	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.4	2.6	3.4	2.4
Non-U.S.....	36.6	23.2	16.7	18.8	27.7	20.0	18.0	20.0	33.3	35.0	30.3	42.7	25.9	34.3
Unknown location.....	12.7	21.4	26.7	35.4	23.1	24.3	24.6	12.3	8.6	3.8	6.4	5.3	4.7	4.5
Number planning location in the United States after Ph.D. ³ :	66	56	64	44	58	68	60	73	91	101	113	90	102	86
Percent with definite postdoctoral study ⁵	40.9	32.1	42.2	43.2	39.7	50.0	40.0	31.5	40.7	40.6	43.4	34.4	34.3	32.6
Percent with definite employment ⁵	47.0	58.9	40.6	52.3	44.8	42.6	53.3	41.1	31.9	33.7	32.7	31.1	40.2	38.4
Percent seeking postdoctoral study ⁵	3.0	7.1	12.5	2.3	10.3	2.9	3.3	12.3	8.8	7.9	7.1	14.4	7.8	9.3
Percent seeking employment ⁵	7.6	1.8	3.1	2.3	5.2	4.4	3.3	15.1	15.4	15.8	15.9	18.9	14.7	18.6
Percent with postdoctoral plans unknown ⁵	1.5	0.0	1.6	0.0	0.0	0.0	0.0	0.0	3.3	2.0	0.9	1.1	2.9	1.2
Number with definite employment plans in United States after Ph.D.:	31	33	26	23	26	29	32	30	29	34	37	28	41	33
Primary work activity ³ : percent.....														
R&D.....	45.2	57.6	26.9	47.8	65.4	55.2	62.5	43.3	51.7	41.2	45.9	50.0	53.7	24.2
Teaching.....	41.9	27.3	53.8	17.4	23.1	24.1	25.0	43.3	27.6	20.6	29.7	35.7	22.0	57.6
Administrative.....	0.0	3.0	0.0	0.0	0.0	3.4	9.4	0.0	0.0	0.0	0.0	0.0	4.9	0.0
Professional services.....	3.2	12.1	15.4	13.0	7.7	13.8	3.1	3.3	10.3	14.7	5.4	3.6	9.8	15.2
Other.....	0.0	0.0	3.8	13.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	2.4	0.0
Unknown.....	9.7	0.0	0.0	8.7	3.8	3.4	0.0	10.0	10.3	23.5	13.5	10.7	7.3	3.0
Type of employer: percent ³														
Educational institution ⁶	64.5	54.5	65.4	43.5	61.5	58.6	59.4	73.3	48.3	61.8	54.1	64.3	56.1	72.7
Industry/business.....	29.0	36.4	23.1	39.1	30.8	34.5	28.1	20.0	24.1	26.5	32.4	17.9	29.3	15.2
Government.....	0.0	3.0	3.8	8.7	3.8	3.4	3.1	3.3	17.2	0.0	2.7	3.6	7.3	6.1
Nonprofit.....	3.2	6.1	7.7	8.7	3.8	3.4	3.1	0.0	10.3	8.8	5.4	10.7	4.9	3.0
Other and unknown.....	3.2	0.0	0.0	0.0	0.0	0.0	6.3	3.3	0.0	2.9	5.4	3.6	2.4	3.0

¹ Includes England, Wales, Scotland, and Northern Ireland.² This table includes all citizens of the United Kingdom who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.³ Sciences and engineering Ph.D.s only.⁴ In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.⁵ Includes only those Ph.D. recipients intending to remain in the United States after graduation.⁶ Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.

Table B-28. Statistical profile of doctorate recipients from Western Europe¹, by year of Ph.D.: 1975, 1980, 1985–96

Page 1 of 2

Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total number of Ph.D.s²	133	110	155	164	175	197	187	224	312	293	310	315	347	350
Percent men.....	89.5	75.5	76.1	79.9	76.0	71.1	72.2	73.7	71.2	67.9	71.6	65.1	69.7	62.6
Percent women.....	10.5	24.5	23.9	20.1	24.0	28.9	27.8	26.3	28.8	32.1	28.4	34.9	30.3	37.4
Percent with permanent visa.....	24.8	39.1	25.8	23.2	20.0	29.9	23.5	22.3	24.0	23.9	27.4	23.5	26.5	29.4
Percent with temporary visa.....	75.2	60.9	74.2	76.8	80.0	70.1	76.5	77.7	76.0	76.1	72.6	76.5	73.5	70.6
Percent married.....	67.7	59.1	47.7	46.3	51.4	55.3	53.5	48.7	48.1	44.4	44.5	43.8	42.9	43.1
Percent not married.....	30.1	39.1	49.0	50.6	45.7	43.7	43.3	46.0	43.9	50.9	50.6	49.2	50.4	51.7
Percent unknown.....	2.3	1.8	3.2	3.0	2.9	1.0	3.2	5.4	8.0	4.8	4.8	7.0	6.6	5.1
Median age at Ph.D. in years ³	30.3	31.1	29.9	29.8	30.1	30.2	29.9	30.0	30.8	30.6	31.2	30.3	30.8	30.7
Percent with dependents.....	45.1	42.7	36.8	29.9	34.9	36.0	30.5	32.6	33.0	31.1	28.7	22.9	24.8	23.1
Percent receiving sources of support: percent ^{3,4}														
Personal.....	37.7	43.2	62.6	54.7	49.6	55.9	57.3	43.5	48.4	47.7	53.7	44.2	45.3	53.7
Foreign government.....	0.0	0.0	0.0	0.0	16.8	18.4	19.1	16.9	21.7	20.2	21.0	24.8	24.6	27.3
University.....	86.8	86.4	87.9	94.5	94.7	91.9	92.4	89.0	88.0	90.7	91.3	82.0	84.5	90.3
Teaching assistant.....	37.7	38.3	52.3	51.6	57.3	56.6	55.7	48.1	52.5	58.5	57.6	43.2	47.4	59.5
Research assistant.....	61.3	61.7	53.3	68.8	71.8	74.3	69.5	73.4	64.1	67.4	67.2	59.2	63.4	72.7
Other university.....	44.3	28.4	28.0	26.6	29.0	30.1	31.3	22.7	21.7	23.8	21.8	15.5	22.0	38.3
Other.....	31.1	37.0	33.6	30.5	23.7	19.9	24.4	19.5	22.6	25.9	24.0	20.9	21.6	30.8
Unknown.....	4.7	3.7	4.7	0.8	0.0	2.9	1.5	4.5	2.3	2.6	2.2	4.9	3.9	4.0
Median years from baccalaureate to Ph.D.														
Total time: in years.....	6.7	8.0	7.3	7.0	7.3	8.0	7.6	7.3	8.0	8.0	8.0	7.5	8.0	8.2
Registered time: in years.....	5.0	5.8	5.8	5.4	5.5	6.1	5.9	5.6	6.0	6.6	6.3	6.2	6.4	6.6
Sciences & Engineering: percent.....	79.7	73.6	69.0	78.0	74.9	69.0	70.1	68.8	69.6	65.9	73.9	65.4	66.9	64.9
Physical Sciences.....	18.9	11.1	13.1	17.2	14.5	14.0	12.2	14.9	13.4	13.0	13.5	14.6	11.6	16.7
Earth, Atmospheric, and Ocean sciences.....	3.8	0.0	3.7	3.1	5.3	3.7	0.0	4.5	8.3	5.2	3.5	5.3	1.7	5.7
Mathematics.....	8.5	7.4	4.7	10.9	8.4	10.3	7.6	6.5	10.1	6.2	5.7	5.8	6.5	7.5
Computer/Information sciences.....	0.0	1.2	2.8	4.7	3.8	2.2	2.3	2.6	5.1	2.6	2.2	3.4	4.3	6.2
Engineering.....	34.9	22.2	25.2	22.7	20.6	24.3	21.4	24.7	18.0	18.7	18.8	18.9	22.4	12.8
Biological sciences.....	7.5	13.6	12.2	4.7	13.7	12.5	18.3	18.2	14.7	15.0	19.2	23.3	15.9	19.8
Agricultural sciences.....	10.4	7.4	6.5	5.5	6.1	7.4	6.1	6.5	4.6	5.7	8.3	9.7	11.2	5.3
Psychology and social sciences....	16.0	37.0	31.8	31.3	27.5	25.7	32.1	22.1	25.8	33.7	28.8	18.9	26.3	26.0
Non-sciences and Engineering: percent.....	20.3	26.4	31.0	22.0	25.1	31.0	29.9	31.3	30.4	34.1	26.1	34.6	33.1	35.1
Humanities.....	55.6	58.6	52.1	50.0	54.5	55.7	57.1	68.6	63.2	64.0	59.3	67.0	67.0	70.7
Education.....	14.8	17.2	20.8	16.7	18.2	23.0	19.6	12.9	7.4	9.0	16.0	11.9	8.7	8.9
Health sciences.....	11.1	10.3	10.4	8.3	4.5	4.9	8.9	7.1	9.5	13.0	9.9	7.3	7.8	8.9
Professional and other fields.....	18.5	13.8	16.7	25.0	22.7	16.4	14.3	11.4	20.0	14.0	14.8	13.8	16.5	11.4
Planned location after Ph.D.³														
Number with permanent visas:.....	20	29	19	25	24	39	22	26	42	38	61	40	52	54
U. S. total: percent.....	70.0	65.5	52.6	72.0	70.8	61.5	50.0	57.7	90.5	92.1	77.0	80.0	90.4	92.6
Study.....	28.6	26.3	40.0	33.3	47.1	37.5	36.4	46.7	28.9	40.0	40.4	56.3	44.7	36.0
Employment.....	71.4	73.7	60.0	66.7	52.9	62.5	63.6	53.3	65.8	57.1	57.4	40.6	51.1	60.0
Unknown.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	2.9	2.1	3.1	4.3	4.0	
Non-U.S.....	15.0	6.9	10.5	4.0	8.3	10.3	13.6	23.1	2.4	5.3	21.3	17.5	5.8	5.6
Unknown location.....	15.0	27.6	36.8	24.0	20.8	28.2	36.4	19.2	7.1	2.6	1.6	2.5	3.8	1.9

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Statistical profile of doctorate recipients from Western Europe¹, by year of Ph.D.: 1975, 1980, 1985–96

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Item	1975	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Number with temporary visas:	86	52	88	103	107	97	109	128	175	155	168	166	180	173
U. S. total: percent	31.4	36.5	40.9	35.0	40.2	40.2	36.7	34.4	38.9	45.2	39.3	44.0	48.3	48.6
Study	51.9	52.6	41.7	41.7	55.8	46.2	47.5	59.1	51.5	55.7	53.0	63.0	52.9	64.3
Employment	44.4	47.4	58.3	58.3	44.2	53.8	52.5	40.9	48.5	44.3	47.0	37.0	46.0	31.0
Unknown	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.8
Non-U.S.	40.7	40.4	33.0	41.7	39.3	40.2	42.2	50.0	49.7	51.0	53.6	50.6	47.8	46.8
Unknown location	27.9	23.1	26.1	23.3	20.6	19.6	21.1	15.6	11.4	3.9	7.1	5.4	3.9	4.6
Number planning location in the United States														
after Ph.D. ³ :	41	38	46	54	60	63	51	59	106	105	113	105	134	134
Percent with definite postdoctoral study ⁵	41.5	36.8	34.8	35.2	43.3	39.7	43.1	47.5	32.1	36.2	33.6	48.6	38.1	43.3
Percent with definite employment ⁵	48.8	57.9	50.0	55.6	45.0	52.4	47.1	39.0	42.5	34.3	34.5	31.4	26.1	31.3
Percent seeking postdoctoral study ⁵	2.4	2.6	6.5	3.7	10.0	3.2	2.0	8.5	11.3	14.3	14.2	12.4	11.9	10.4
Percent seeking employment ⁵	4.9	2.6	8.7	5.6	1.7	4.8	7.8	5.1	12.3	14.3	16.8	6.7	21.6	10.4
Percent with postdoctoral plans unknown ⁵	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0	0.9	1.0	2.2	4.5
Number with definite employment plans in United States														
after Ph.D.:	20	22	23	30	27	33	24	23	45	36	39	33	35	42
Primary work activity ³ : percent														
R&D	35.0	27.3	56.5	53.3	40.7	51.5	45.8	47.8	71.1	75.0	53.8	66.7	82.9	54.8
Teaching	35.0	50.0	30.4	30.0	37.0	33.3	37.5	30.4	17.8	13.9	28.2	21.2	5.7	21.4
Administrative	5.0	0.0	4.3	3.3	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	2.4
Professional services	20.0	13.6	8.7	13.3	7.4	12.1	4.2	4.3	2.2	2.8	7.7	3.0	0.0	14.3
Other	0.0	4.5	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	2.6	0.0	5.7	2.4
Unknown	5.0	4.5	0.0	0.0	7.4	3.0	12.5	17.4	8.9	5.6	7.7	9.1	5.7	4.8
Type of employer: percent ³														
Educational institution ⁶	55.0	63.6	56.5	76.7	59.3	60.6	70.8	52.2	68.9	58.3	64.1	42.4	37.1	38.1
Industry/business	35.0	18.2	34.8	20.0	22.2	33.3	20.8	39.1	24.4	33.3	23.1	42.4	37.1	50.0
Government	0.0	4.5	0.0	0.0	11.1	3.0	8.3	4.3	2.2	8.3	2.6	0.0	0.0	4.8
Nonprofit	5.0	13.6	0.0	3.3	7.4	0.0	0.0	4.3	4.4	0.0	5.1	3.0	17.1	0.0
Other and unknown	5.0	0.0	8.7	0.0	0.0	3.0	0.0	0.0	0.0	0.0	5.1	12.1	8.6	7.1

¹Includes Andorra, Belgium, Gibraltar, Luxembourg, Monaco, the Netherlands, Portugal, Spain, Switzerland, the Republic of Ireland, Austria, Liechtenstein, Malta, and unspecified Western European countries.

²This table includes all citizens of Western European countries who indicated a visa status (permanent or temporary visa). Those with unknown visa status are not included.

³Sciences and engineering Ph.D.s only.

⁴In this table a recipient counts once in each source category from which he or she received support. Since students indicate multiple sources of support, the vertical percentages sum to more than 100 percent. "Personal" includes a recipient's own earnings, family support, and loans. Federal research assistants are aggregated with university research assistants.

⁵Includes only those Ph.D. recipients intending to remain in the United States after graduation.

⁶Includes 2-year and 4-year colleges and universities, medical schools, and elementary/secondary schools.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Earned Doctorates.